

1971 REGIONAL COTTON VARIETY TESTS

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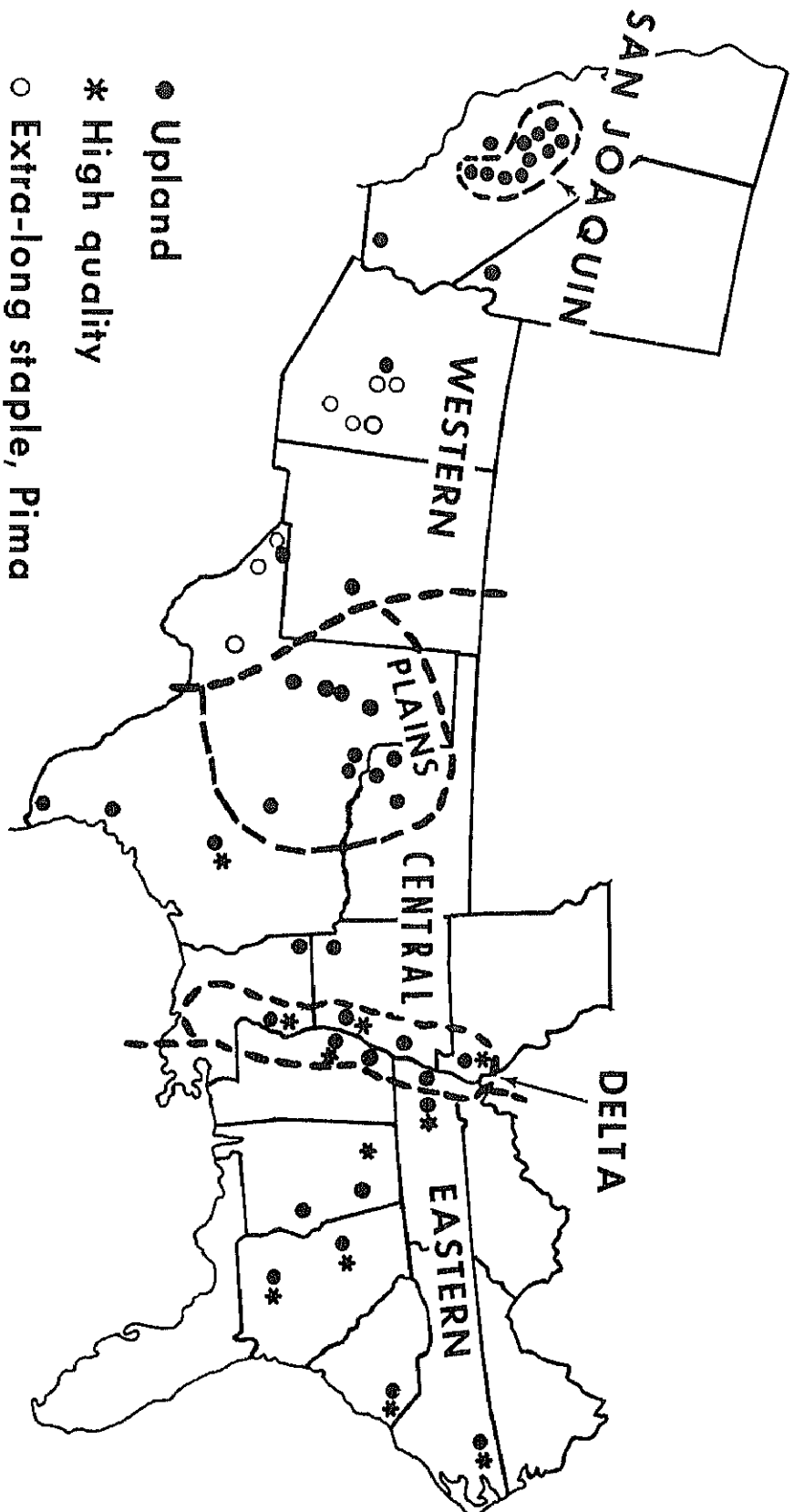
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REGIONAL COTTON VARIETY TESTING PROGRAMS



1971 REGIONAL COTTON VARIETY TESTS

Compiled by

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INTRODUCTION

The regional cotton variety testing program was developed from recommendations of the Joint Cotton Breeding Policy Committee and plans of the National Cotton Variety Testing Committee. The names of the members of these two committees as of January 1972 are given on page 87.

Data for the 1971 regional cotton variety tests were furnished by selected locations involved in the variety testing programs of 15 State agricultural experiment stations. Number of plantings, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

Data on yield and other agronomic characters, such as boll size and lint percentage, were supplied by the cooperating stations. Fiber samples were sent to the U.S. Cotton Quality Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton Quality Laboratories, Southern Region, Agricultural Research Service, U.S. Department of Agriculture, Knoxville, Tenn. The data were analyzed at the University of Tennessee Computer Center.

By and large, the yield reported for each variety is the average derived from six replications, although two to eight replications were planted at some stations. Boll, seed, fiber, and spinning data were based on two replications of each variety at all stations. A randomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple-range test at the 0.05 level of probability.

The results of the first 3-year cycle of testing were reported in Agricultural Research Service publications ARS 34-30, ARS 34-43, and ARS 36-60 for 1960, 1961, and 1962, respectively. Results of the second 3-year cycle of testing were reported in ARS 34-68, ARS 34-81, and ARS 34-82 for 1963, 1964, and 1965, respectively. Results of the third 3-year cycle were reported in ARS 34-96, ARS 34-105, and ARS 34-113 for 1966, 1967, and 1968, respectively. Results of the first and second years of the fourth 3-year cycle were reported in ARS 34-123 and ARS 34-130 for 1969 and 1970, respectively. This publication reports results of the third year of the fourth 3-year cycle.

For the fourth 3-year cycle (including the 1971 tests) Acala SJ-1, Coker 201, Deltapine 16, and Paymaster 111 were chosen as national standards against which the other varieties may be compared. Within each region, the cooperators annually select a group of regional standard varieties that are common to all of the tests within the region for the particular year. Each station may enter optional varieties of local interest, but only data from the national and regional standards are included in this report. All varieties were grown to obtain experimental data.

^{1/}Plant Geneticist and Research Agronomists, respectively, Southern Region, Agricultural Research Service, U.S. Department of Agriculture, Knoxville, Tenn.

The designation of national or regional standards does not constitute endorsement of these varieties by the U.S. Department of Agriculture or the cooperating State agricultural experiment stations.

REGIONS AND LOCATIONS

The national cotton variety testing program is organized in the six production regions shown on the map. Upland varieties are tested in all six areas. Strains with superior fiber properties and spinning performance are tested in one region (high-quality test) spanning three areas and extra-long-staple American Pima varieties are tested in another.

The tests of the San Joaquin Valley Continuous Variety Testing Committee were conducted by the Department of Agronomy and Range Science, University of California, Davis, Calif., on land furnished by cooperating growers at 10 test sites. The national standard varieties were planted at only 4 of the 10 locations.

The regions and participating stations during the 1971 season were as follows:

Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Alabama Agricultural Experiment Station	Auburn, Ala.
Sand Mountain Substation	Crossville, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Delta Regional Cotton Variety Test

Delta Branch Experiment Station	Stoneville, Miss.
Off-station test	Tunica, Miss.
Northeast Louisiana Experiment Station	St. Joseph, La.
Missouri-Delta Center	Portageville, Mo.
West Tennessee Experiment Station	
Off-station test	Fort Pillow, Tenn.
Arkansas-Delta Substation	Clarkedale, Ark.
Southeast Branch Experiment Station	Rohwer, Ark.

Central Regional Cotton Variety Test

Texas A&M University:	
Texas Agricultural Experiment Station	College Station, Tex.
Research and Extension Center	Weslaco, Tex.
Research Station	
Off-station test	Nueces County, Tex.
Southwest Branch Experiment Station	
Off-station test	Bradley, Ark.
Red River Valley Experiment Station	Bossier City, La.

Plains Regional Cotton Variety Test

Texas A&M University:

Research and Extension Center	Lubbock, Tex.
Irrigated test	Lubbock, Tex.
Off-station tests	Dawson County, Tex.
	Hale County, Tex.
Research Center	McGregor, Tex.
Research Station	Chillicothe, Tex.
Irrigated test	Chillicothe, Tex.
Cotton Research Station	Chickasha, Okla.
Irrigation Experiment Station	Altus, Okla.
Sandy Land Research Station	Mangum, Okla.

Western Regional Cotton Variety Test

U.S. Cotton Research Station	Shafter, Calif.
Imperial Valley Conservation Research Station	Brawley, Calif.
Nevada Agricultural Experiment Station	
Pahrump Field Laboratory	Pahrump, Nev.
Arizona Agricultural Experiment Station,	
Cotton Research Center	Phoenix, Ariz.
New Mexico Agricultural Experiment Station,	
Southeastern Branch Station	Artesia, N.M.
Texas A&M University	
Research Station	El Paso, Tex.

San Joaquin Valley Continuous Cotton Variety Test

California Agricultural Experiment Station tests at:

Chowchilla	Coalinga
Dos Palos	Hanford
Tulare	Kerman
Woodville	Visalia
Kern Lake	Wasco

High-Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Northeast Louisiana Experiment Station	St. Joseph, La.
Delta Branch Experiment Station	Stoneville, Miss.
Delta Center, Missouri Experiment Station	Portageville, Mo.
Texas Agricultural Experiment Station	College Station, Tex.
Southeast Branch Experiment Station	Rohwer, Ark.
Tennessee Valley Substation	Belle Mina, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station:

Cotton Research Center
Marana Experimental Farm
Safford Station

Off-station test, Pace Farm

Arizona State University

Texas A&M University:

Research Station

Off-station test, Maros Farm

Research Station

Phoenix, Ariz.

Marana, Ariz.

Safford, Ariz.

Safford, Ariz.

Tempe, Ariz.

El Paso, Tex.

Fabens, Tex.

Pecos, Tex.

Combed-Yarn Test

Pima cottons are commonly spun into combed yarns. In addition to the data obtained at Knoxville, combed-yarn tests of Pima cotton grown at four locations conducting the Pima regional cotton variety test were made by the Agricultural Marketing Service, U.S. Department of Agriculture, at its Clemson (S.C.) Laboratory. The cotton in the combed-yarn tests was carded at 4.5 pounds per hour, the comber setting was 0.54 in., and the twist multiplier used was 3.60.

EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Boll size. (a) The weight, in grams, per boll of seed cotton. (b) The number of bolls of seed cotton required to make up 1 pound.

Colorimeter. These measurements were determined by the Nickerson-Hunter colorimeter (Spinlab model). Hunter's B value is a measure of increasing yellowness of the cotton. RD is the percentage of reflectance; the higher the value, the lighter the cotton.

Drawing sliver. The fiber length measured on the Servo Fibrograph from samples taken from the second drawing sliver. The mean is the average length, in inches, of all fibers longer than one-fourth inch. The UHM (upper half mean) is the length, in inches, of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5-percent span length.

Lint percent. The weight of lint ginned from a sample of seed cotton expressed as a percentage of the weight of seed cotton.

Micronaire. The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) micronaire units.

Seed index. The weight of 100 seeds, in grams.

Span length. Fiber length measured on the Digital Fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen, where the initial starting point of the scanning in the test is considered 100 percent. The 2.5-percent span length is the length, in inches, on the test specimen spanned by 2.5-percent of the fibers scanned at the initial starting point. The 2.5-percent span length approximates classer's staple. The 50-percent span length is the length, in inches, on the test specimen spanned by 50-percent of the fibers scanned at the initial starting point.

Stelometer. TO is the fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed, expressed in grams-force

(gf) per tex. Tl is the fiber strength of a bundle of fibers measured on the Stelometer with the jaws holding the fiber bundle separated by a 1/8-inch spacer, expressed in grams-force per tex. El is the percentage elongation at break of the center one-eighth inch of the fiber bundle measured for Tl strength on the Stelometer.

Tex. The linear density of fibers, filaments, and yarns, expressed as the weight, in grams, of 1,000 meters of fiber or yarn.

22's. The yarn strength of 22's (actually 27 tex) as determined from a small-scale (50 gram) test.

Uniformity ratio. The ratio of mean length to upper-half mean (UHM) length, expressed as a percentage.

Yarn tenacity (YT). The strength of 27 tex yarn, expressed as grams-force (gf) per tex.

Yield. The mean production of the plots harvested expressed in pounds of lint per acre.

TEST RESULTS

The test results, presented in the following tables are designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1971. No interpretation of these data, other than the indication of the significant differences among means based on the analysis of variance, is presented in this publication. Means followed by the same letter, or letters, cannot be considered significantly different at the 0.05 level of probability.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each station. In the regional summaries, each measured property is tabulated separately and the varieties are listed in descending order of measured value. For easy examination, all measurements for a variety are combined in a single table for each region. Within each region, the mean performance of varieties is also presented by station.

1971 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE			SEED INDEX	SPAN		22'S	YT
	LB.	LINT	GRAM.	NO.	LINT PCT.		50	2.5		
MCNAIR 9512	980	A	6.24	74	38.0	11.1	.51	1.08	114	13.1
DELTAPINE 16	575	A	6.48	70	40.0	10.8	.52	1.15	110	12.7
COKER 310	959	AB	6.09	75	42.5	9.9	.53	1.20	116	13.3
COKER 417	955	AB	6.37	72	39.9	10.7	.53	1.17	119	13.7
STONEVILLE 213	952	AB	6.16	74	39.2	11.1	.52	1.12	110	12.6
COKER 201	949	AB	6.48	71	41.3	10.4	.53	1.13	111	12.8
MC NAIR 9511	926	ABC	5.78	79	38.3	10.8	.51	1.10	117	13.4
COKER 711	921	ABC	5.84	78	41.0	10.1	.52	1.12	114	13.1
DIXIE KING II	906	ABC	7.40	62	40.1	11.8	.50	1.09	105	12.0
STONEVILLE 603	900	ABC	6.12	75	38.2	11.2	.52	1.12	110	12.7
DELCOT 277	875	BC	7.19	64	38.8	12.1	.54	1.18	123	14.2
MCNAIR 210	869	BC	6.82	67	37.2	12.1	.51	1.11	117	13.5
TH 149	850	C	7.56	61	37.2	13.1	.53	1.14	120	13.9
ACALA SJ-1	769	D	7.26	63	37.1	12.8	.53	1.14	122	14.0
PAYMASTER 111	678	E	7.46	62	36.4	12.1	.50	1.08	109	12.6

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT			
	LB.	LINT	GRAM.	NO.			LENGTH						
								PER			PER	50	2.5
JACKSON, TENN.	1055	A	7.11	64	40.0	11.1	.52	1.12	119	13.7			
EXPERIMENT, GA.	1019	AB	6.69	69	38.7	11.6	.53	1.14	117	13.4			
CROSSVILLE, ALA.	998	BC	6.14	75	40.9	11.4	.48	1.10	106	12.3			
TIFTON, GA.	991	BC	6.54	70	38.1	11.0	.55	1.14	119	13.7			
FLORENCE, S.C.	951	C	7.15	64	37.9	11.5	.55	1.17	121	14.0			
AUBURN, ALA.	729	D	5.90	78	39.6	11.2	.49	1.10	108	12.4			
ROCKY MT., N.C.	542	E	6.78	68	38.0	11.6	.52	1.14	111	12.8			

BOLL SIZE, GRAM PER BOLL

TH 149	7.56 A
PAYMASTER 111	7.46 A
DIXIE KING II	7.40 A
ACALA SJ-1	7.26 A
DELCOT 277	7.19 A
MCNAIR 210	6.82 B
DELTAPINE 16	6.48 BC
COKER 201	6.48 BC
COKER 417	6.37 C
MCNAIR 9512	6.24 C
STONEVILLE 213	6.16 CD
STONEVILLE 603	6.12 CD
COKER 310	6.09 CD
COKER 711	5.84 D
MC NAIR 9511	5.78 D

LINT PCT.

COKER 310	42.5 A
COKER 201	41.3 B
COKER 711	41.0 B
DIXIE KING II	40.1 C
DELTAPINE 16	40.0 C
COKER 417	39.9 C
STONEVILLE 213	39.2 CD
DELCOT 277	38.8 DE
MC NAIR 9511	38.3 DE
STONEVILLE 603	38.2 E
MCNAIR 9512	38.0 EF
MCNAIR 210	37.2 FG
TH 149	37.2 FG
ACALA SJ-1	37.1 FG
PAYMASTER 111	36.4 G

1971 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO- NAIRE	DRAWING SLIVER UHM	MEAN	STELOMETER			COLORI- METER		UNIF. RATIO
				TO	T1	E1	RD	B	
MCNAIR 9512	4.47	1.10	0.96	34.3	18.3	9.3	75	8.8	87
DELTAPINE 16	4.32	1.18	1.01	32.4	17.7	10.6	77	8.4	86
COKER 310	4.41	1.23	1.05	34.5	18.4	8.8	76	8.5	85
COKER 417	4.23	1.20	1.04	34.6	18.5	8.6	76	8.5	87
STONEVILLE 213	4.70	1.16	1.01	32.3	17.4	9.7	75	8.8	87
COKER 201	4.46	1.17	1.00	33.8	17.7	8.6	76	8.4	86
MC NAIR 9511	4.44	1.13	0.98	35.2	18.3	9.0	75	8.7	87
COKER 711	4.47	1.16	1.00	34.7	18.4	8.7	75	8.8	86
DIXIE KING II	4.29	1.12	0.96	33.3	16.6	8.4	76	8.4	85
STONEVILLE 603	4.39	1.16	1.01	33.2	17.9	10.0	76	8.4	87
DELCOT 277	4.05	1.22	1.07	33.4	19.1	10.1	74	8.9	87
MCNAIR 210	4.52	1.15	1.00	35.6	18.4	8.3	75	8.3	87
TH 149	4.54	1.19	1.05	36.0	18.9	8.1	76	8.1	88
ACALA SJ-1	4.23	1.17	1.03	35.4	19.3	8.6	75	8.5	88
PAYMASTER 111	4.35	1.11	0.96	33.7	17.5	8.7	75	8.6	87

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO- NAIRE	DRAWING SLIVER UHM	MEAN	STELOMETER			COLORI- METER		UNIF. RATIO
				TO	T1	E1	RD	B	
JACKSON, TENN.	4.49	1.14	0.97	36.1	18.8	8.2	76	8.8	85
EXPERIMENT, GA.	4.04	1.17	1.00	33.6	18.2	9.6	77	9.1	86
CROSSVILLE, ALA.	4.22	1.14	0.98	32.7	17.2	9.7	76	8.4	86
TIFTON, GA.	4.43	1.18	1.04	35.0	19.0	8.8	78	8.9	88
FLORENCE, S.C.	4.40	1.19	1.02	34.8	18.6	8.6	77	9.0	85
AUBURN, ALA.	4.76	1.15	1.00	34.3	17.7	8.8	74	7.6	87
ROCKY MT., N.C.	4.40	1.17	1.04	32.6	17.7	9.5	70	7.9	88

BOLL SIZE, NO. PER LB.

MC NAIR 9511	79	A
COKER 711	78	AB
STONEVILLE 603	75	ABC
COKER 310	75	ABC
STONEVILLE 213	74	BCD
MCNAIR 9512	74	BCD
COKER 417	72	CD
COKER 201	71	CDE
DELTAPINE 16	70	DE
MCNAIR 210	67	EF
DELCOT 277	64	FG
ACALA SJ-1	63	FG
PAYMASTER 111	62	G
DIXIE KING II	62	G
TH 149	61	G

SEED INDEX

TH 149	13.1	A
ACALA SJ-1	12.8	A
PAYMASTER 111	12.1	B
DELCOT 277	12.1	B
MCNAIR 210	12.1	B
DIXIE KING II	11.8	B
STONEVILLE 603	11.2	C
MCNAIR 9512	11.1	C
STONEVILLE 213	11.1	C
DELTAPINE 16	10.8	CD
MC NAIR 9511	10.8	CD
COKER 417	10.7	CD
COKER 201	10.4	DE
COKER 711	10.1	E
COKER 310	9.9	E

1971 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

DELCOT 277	0.54	A
COKER 417	0.53	AB
COKER 310	0.53	AB
COKER 201	0.53	AB
TH 149	0.53	AB
ACALA SJ-1	0.53	AB
COKER 711	0.52	BC
STONEVILLE 213	0.52	BC
STONEVILLE 603	0.52	BC
DELTAPINE 16	0.52	BC
MCNAIR 9512	0.51	CD
MCNAIR 210	0.51	CD
MC NAIR 9511	0.51	CD
PAYMASTER 111	0.50	D
DIXIE KING II	0.50	D

DRAWING SLIVER, UHM

COKER 310	1.23	A
DELCOT 277	1.22	AB
COKER 417	1.20	BC
TH 149	1.19	CD
DELTAPINE 16	1.18	CDE
COKER 201	1.17	DEF
ACALA SJ-1	1.17	DEF
STONEVILLE 603	1.16	EF
STONEVILLE 213	1.16	EF
COKER 711	1.16	EF
MCNAIR 210	1.15	FG
MC NAIR 9511	1.13	GH
DIXIE KING II	1.12	HI
PAYMASTER 111	1.11	HI
MCNAIR 9512	1.10	I

MICRONAIRE

STONEVILLE 213	4.70	A
TH 149	4.54	AB
MCNAIR 210	4.52	ABC
COKER 711	4.47	BCD
MCNAIR 9512	4.47	BCD
COKER 201	4.46	BCD
MC NAIR 9511	4.44	BCD
COKER 310	4.41	BCDE
STONEVILLE 603	4.39	BCDE
PAYMASTER 111	4.35	BCDE
DELTAPINE 16	4.32	CDE
DIXIE KING II	4.29	DE
COKER 417	4.23	EF
ACALA SJ-1	4.23	EF
DELCOT 277	4.05	F

SPAN LENGTH, 2.5 PCT.

COKER 310	1.20	A
DELCOT 277	1.18	B
COKER 417	1.17	B
DELTAPINE 16	1.15	C
TH 149	1.14	CD
ACALA SJ-1	1.14	CD
COKER 201	1.13	CDE
COKER 711	1.12	DEF
STONEVILLE 603	1.12	DEF
STONEVILLE 213	1.12	DEF
MCNAIR 210	1.11	EF
MC NAIR 9511	1.10	FG
DIXIE KING II	1.09	GH
PAYMASTER 111	1.08	H
MCNAIR 9512	1.08	H

DRAWING SLIVER, MEAN

DELCOT 277	1.07	A
TH 149	1.05	AB
COKER 310	1.05	AB
COKER 417	1.04	B
ACALA SJ-1	1.03	BC
DELTAPINE 16	1.01	CD
STONEVILLE 603	1.01	CD
STONEVILLE 213	1.01	CD
COKER 711	1.00	D
COKER 201	1.00	D
MCNAIR 210	1.00	D
MC NAIR 9511	0.98	DE
MCNAIR 9512	0.96	E
DIXIE KING II	0.96	E
PAYMASTER 111	0.96	E

STELOMETER - TQ

TH 149	36.0	A
MCNAIR 210	35.6	AB
ACALA SJ-1	35.4	ABC
MC NAIR 9511	35.2	ABCD
COKER 711	34.7	BCDE
COKER 417	34.6	CDE
COKER 310	34.5	CDE
MCNAIR 9512	34.3	DEF
COKER 201	33.8	EFG
PAYMASTER 111	33.7	EFG
DELCOT 277	33.4	FG
DIXIE KING II	33.3	GH
STONEVILLE 603	33.2	GHI
DELTAPINE 16	32.4	HI
STONEVILLE 213	32.3	I

1971 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

22'S		
DELCOT 277	123	A
ACALA SJ-1	122	AB
TH 149	120	ABC
COKER 417	119	BCD
MCNAIR 210	117	CDE
MC NAIR 9511	117	CDE
COKER 310	116	DE
MCNAIR 9512	114	EF
COKER 711	114	EF
COKER 201	111	FG
DELTAPINE 16	110	G
STONEVILLE 213	110	G
STONEVILLE 603	110	G
PAYMASTER 111	109	G
DIXIE KING II	105	H

YARN TENACITY		
DELCOT 277	14.2	A
ACALA SJ-1	14.0	AB
TH 149	13.9	AB
COKER 417	13.7	BC
MCNAIR 210	13.5	CD
MC NAIR 9511	13.4	CDE
COKER 310	13.3	DE
MCNAIR 9512	13.1	EF
COKER 711	13.1	EF
COKER 201	12.8	FG
DELTAPINE 16	12.7	G
STONEVILLE 603	12.7	G
STONEVILLE 213	12.6	G
PAYMASTER 111	12.6	G
DIXIE KING II	12.0	H

STELOMETER - T1		
ACALA SJ-1	19.3	A
DELCOT 277	19.1	A
TH 149	18.9	AB
COKER 417	18.5	BC
COKER 310	18.4	BC
COKER 711	18.4	BC
MCNAIR 210	18.4	BC
MCNAIR 9512	18.3	BC
MC NAIR 9511	18.3	BC
STONEVILLE 603	17.9	CD
DELTAPINE 16	17.7	D
COKER 201	17.7	D
PAYMASTER 111	17.5	D
STONEVILLE 213	17.4	D
DIXIE KING II	16.6	E

STELOMETER - E1		
DELTAPINE 16	10.6	A
DELCOT 277	10.1	B
STONEVILLE 603	10.0	B
STONEVILLE 213	9.7	BC
MCNAIR 9512	9.3	CD
MC NAIR 9511	9.0	DE
COKER 310	8.8	EF
PAYMASTER 111	8.7	EF
COKER 711	8.7	EF
ACALA SJ-1	8.6	EFG
COKER 201	8.6	EFG
COKER 417	8.6	EFG
DIXIE KING II	8.4	FG
MCNAIR 210	8.3	FG
TH 149	8.1	G

UNIFORMITY RATIO		COLORIMETER -B		COLORIMETER -RD	
TH 149	88	A	DELCOT 277	8.9	A
ACALA SJ-1	88	A	MCNAIR 9512	8.8	AB
MC NAIR 9511	87	AB	STONEVILLE 213	8.8	AB
PAYMASTER 111	87	AB	COKER 711	8.8	AB
DELCOT 277	87	AB	MC NAIR 9511	8.7	ABC
MCNAIR 210	87	AB	PAYMASTER 111	8.6	BCD
COKER 417	87	AB	ACALA SJ-1	8.5	CDE
MCNAIR 9512	87	AB	COKER 310	8.5	CDE
STONEVILLE 213	87	AB	COKER 417	8.5	CDE
STONEVILLE 603	87	AB	DIXIE KING II	8.4	DE
COKER 201	86	BC	COKER 201	8.4	DE
COKER 711	86	BC	STONEVILLE 603	8.4	DE
DELTAPINE 16	86	BC	DELTAPINE 16	8.4	DE
COKER 310	85	C	MCNAIR 210	8.3	EF
DIXIE KING II	85	C	TH 149	8.1	F
			DELTAPINE 16	77	A
			COKER 310	76	B
			STONEVILLE 603	76	B
			COKER 417	76	B
			COKER 201	76	B
			TH 149	76	B
			DIXIE KING II	76	B
			ACALA SJ-1	75	BC
			MC NAIR 9511	75	BC
			COKER 711	75	BC
			MCNAIR 210	75	BC
			MCNAIR 9512	75	BC
			PAYMASTER 111	75	BC
			STONEVILLE 213	75	BC
			DELCOT 277	74	C

1971 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•</
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JACKSON, TENN.

DELTAPINE 16	1234	A	6.94	66	40.8	11.3	.51	1.13	109	12.5
STONEVILLE 213	1169	AB	6.67	68	41.1	10.6	.54	1.12	115	13.1
STONEVILLE 603	1158	AB	6.67	68	39.1	11.2	.52	1.11	115	13.2
COKER 310	1133	ABC	6.70	68	43.4	9.8	.53	1.19	119	13.7
COKER 417	1108	BCD	6.86	66	40.6	10.3	.52	1.16	124	14.2
DELCOT 277	1066	BCD	7.76	59	40.4	11.4	.54	1.15	129	14.8
MC NAIR 9511	1064	BCD	6.29	73	38.8	10.5	.52	1.11	126	14.5
TH 149	1063	BCD	8.18	56	38.3	12.9	.51	1.10	121	13.9
DIXIE KING II	1029	CDE	7.73	59	41.2	10.8	.50	1.08	108	12.5
COKER 711	1028	CDE	6.36	72	41.6	9.6	.50	1.09	119	13.6
MCNAIR 9512	1000	DE	6.59	69	38.6	10.8	.51	1.05	120	13.8
COKER 201	998	DE	7.07	65	42.0	10.4	.50	1.11	116	13.3
ACALA SJ-1	948	EF	7.70	59	38.4	12.6	.54	1.12	129	14.8
MCNAIR 210	945	EF	7.22	63	37.8	11.6	.50	1.11	123	14.1
PAYMASTER 111	879	F	7.89	58	37.0	11.8	.49	1.08	112	12.8

CROSSVILLE, ALA.

MC NAIR 9511	1159	A	5.14	89	41.0	10.2	.46	1.06	111	12.8
MCNAIR 9512	1134	AB	5.37	85	41.9	10.6	.47	1.05	104	12.0
STONEVILLE 603	1093	ABC	5.86	78	41.1	11.2	.47	1.08	103	11.9
COKER 310	1087	ABC	5.87	78	43.4	9.7	.48	1.13	103	11.9
DIXIE KING II	1069	ABC	7.37	62	42.9	12.1	.46	1.04	96	11.0
COKER 417	1039	BCD	6.11	75	41.7	11.0	.48	1.12	110	12.6
COKER 201	1035	BCD	6.54	70	42.0	11.1	.50	1.13	107	12.3
STONEVILLE 213	1030	BCD	5.76	80	40.1	12.5	.50	1.10	104	11.9
DELTAPINE 16	1011	CD	6.57	70	41.2	12.0	.49	1.10	99	11.3
MCNAIR 210	1010	CD	5.83	79	40.5	11.7	.46	1.07	112	12.9
DELCOT 277	943	DE	6.95	66	39.2	12.3	.52	1.13	114	13.2
COKER 711	851	EF	5.79	79	42.1	10.3	.49	1.11	106	12.1
ACALA SJ-1	825	F	6.64	72	39.9	12.5	.48	1.11	113	12.9
PAYMASTER 111	789	F	6.70	72	39.2	11.9	.47	1.04	104	11.9
TH 149			5.65	80	37.4	11.4	.52	1.13	114	13.2

AUBURN, ALA.

DELTAPINE 16	916	A	5.96	77	40.6	10.8	.48	1.11	106	12.2
STONEVILLE 213	833	AB	5.80	79	40.5	10.3	.48	1.09	101	11.5
MCNAIR 9512	822	AB	5.34	85	38.8	11.3	.50	1.08	106	12.2
COKER 201	790	ABC	5.29	86	42.3	10.0	.50	1.10	106	12.2
DIXIE KING II	783	ABC	5.61	81	41.1	11.5	.44	1.03	96	10.9
MC NAIR 9511	746	ABC	5.52	83	38.2	10.8	.48	1.06	107	12.3
COKER 711	735	BC	5.37	85	41.9	10.3	.48	1.08	105	12.1
COKER 310	731	BC	5.42	84	42.1	10.4	.49	1.16	113	13.0
COKER 417	722	BC	5.61	81	39.9	10.8	.49	1.13	112	12.8
TH 149	698	BC	7.39	62	38.6	12.9	.52	1.15	112	12.9
STONEVILLE 603	697	BC	5.57	82	37.9	11.0	.51	1.12	107	12.3
DELCOT 277	671	BC	6.23	73	38.7	12.2	.52	1.16	119	13.6
MCNAIR 210	662	BCD	5.88	77	37.6	11.4	.50	1.11	108	12.4
ACALA SJ-1	623	CD	6.71	68	38.2	12.3	.51	1.11	120	13.8
PAYMASTER 111	501	D	6.83	67	36.7	11.8	.47	1.03	106	12.2

1971 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF. RATIO
	MICRO-NAIRE	SLIVER UHM	MEAN	TO	T1	E1	METER RD	B	
JACKSON, TENN.									
DELTAPINE 16	4.54	1.14	0.93	34.3	18.3	10.1	77	8.5	82
STONEVILLE 213	4.93	1.15	1.00	33.8	18.0	9.0	76	9.0	88
STONEVILLE 603	4.63	1.14	1.02	35.5	18.2	9.6	78	8.5	90
COKER 310	4.54	1.21	0.98	36.5	18.5	7.6	77	8.5	82
COKER 417	4.19	1.18	1.00	36.8	18.9	7.6	76	9.0	85
DELCOT 277	4.11	1.17	1.00	34.4	19.0	10.1	75	9.0	86
MC NAIR 9511	4.49	1.13	0.96	37.4	19.5	8.1	76	9.0	85
TH 149	4.74	1.15	1.01	39.9	19.9	7.0	77	8.3	89
DIXIE KING II	4.50	1.08	0.90	34.9	17.0	7.3	77	8.5	83
COKER 711	4.41	1.12	0.95	37.0	19.1	7.6	75	9.0	85
MCNAIR 9512	4.59	1.07	0.92	35.2	19.0	8.4	76	9.0	86
COKER 201	4.46	1.13	0.95	35.4	18.2	7.8	77	9.0	84
ACALA SJ-1	4.36	1.15	0.99	37.4	20.5	8.0	77	9.0	86
MCNAIR 210	4.58	1.14	0.98	37.4	19.5	7.6	76	8.5	86
PAYMASTER 111	4.32	1.09	0.93	35.0	17.8	7.6	75	8.5	85
CROSSVILLE, ALA.									
MC NAIR 9511	4.17	1.11	0.98	34.3	17.4	9.6	76	8.5	88
MCNAIR 9512	4.11	1.08	0.93	32.1	17.1	9.7	75	8.5	86
STONEVILLE 603	3.99	1.14	0.98	30.9	17.3	10.8	77	8.3	87
COKER 310	4.16	1.16	0.98	33.1	17.5	9.9	76	8.0	85
DIXIE KING II	4.17	1.08	0.92	31.5	14.9	9.0	78	8.5	86
COKER 417	4.13	1.17	1.02	32.2	17.7	10.3	77	8.3	87
COKER 201	4.02	1.16	0.99	32.9	18.0	9.9	76	8.5	85
STONEVILLE 213	4.41	1.15	1.00	30.7	16.3	10.4	78	8.3	87
DELTAPINE 16	4.20	1.15	1.01	30.9	16.6	10.8	77	8.3	88
MCNAIR 210	4.30	1.11	0.95	34.3	17.7	9.1	76	8.0	86
DELCOT 277	4.39	1.16	1.01	34.2	18.2	9.1	75	8.5	87
COKER 711	4.10	1.15	0.98	33.4	16.7	9.0	76	8.5	85
ACALA SJ-1	4.29	1.15	1.00	33.6	17.2	9.1	74	8.8	87
PAYMASTER 111	4.37	1.09	0.97	32.7	16.5	9.8	76	9.0	89
TH 149	4.39	1.16	1.01	34.2	18.2	9.1	75	8.5	87
AUBURN, ALA.									
DELTAPINE 16	5.01	1.17	1.02	32.4	17.1	10.6	76	7.3	87
STONEVILLE 213	5.20	1.14	1.00	32.1	16.8	9.7	73	8.0	88
MCNAIR 9512	4.78	1.08	0.92	35.3	17.6	8.5	73	8.3	86
COKER 201	4.77	1.14	0.98	34.1	16.4	8.3	74	7.5	86
DIXIE KING II	4.61	1.07	0.91	34.5	15.8	7.5	74	7.5	85
MC NAIR 9511	5.07	1.09	0.94	35.9	18.5	8.0	73	7.5	87
COKER 711	4.81	1.14	0.99	35.2	18.3	8.3	74	7.8	87
COKER 310	4.72	1.22	1.06	34.5	18.6	8.5	75	7.8	87
COKER 417	4.75	1.13	1.00	35.1	17.6	8.3	77	7.8	88
TH 149	4.81	1.22	1.07	34.1	17.9	8.4	75	7.3	88
STONEVILLE 603	4.79	1.17	1.02	32.6	17.4	10.0	75	7.3	87
DELCOT 277	4.28	1.24	1.09	32.0	18.9	10.6	72	7.8	88
MCNAIR 210	4.76	1.15	0.97	34.8	17.5	7.9	73	7.3	85
ACALA SJ-1	4.45	1.15	1.03	36.8	19.7	8.3	73	7.3	90
PAYMASTER 111	4.48	1.09	0.96	35.2	17.4	8.4	74	7.8	89

1971 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT	
	LB.	LINT	GRAM.	NO.			LENGTH	50			2.5
EXPERIMENT, GA.											
MCNAIR 9512	1226	A	6.52	70	37.7	11.3	.51	1.09	116	13.2	
COKER 310	1150	AB	6.06	75	41.2	10.4	.54	1.23	117	13.3	
COKER 711	1130	AB	6.00	76	40.9	10.1	.52	1.12	116	13.2	
DIXIE KING II	1123	AB	7.99	57	39.6	12.4	.51	1.13	107	12.2	
COKER 201	1103	ABC	6.54	70	41.3	10.5	.55	1.15	112	12.8	
COKER 417	1065	BC	6.48	70	39.3	11.1	.55	1.21	124	14.2	
MC NAIR 9511	1061	BC	5.63	81	37.7	10.8	.52	1.12	121	13.8	
MCNAIR 210	1055	BC	7.29	62	36.5	12.9	.53	1.12	115	13.2	
DELCOT 277	1003	BCD	7.60	60	38.7	12.5	.56	1.21	122	14.0	
DELTAPINE 16	959	CDE	6.36	72	39.5	10.8	.54	1.15	119	13.6	
STONEVILLE 213	958	CDE	5.82	78	39.3	10.9	.53	1.11	112	12.9	
TH 149	901	DE	7.55	61	37.1	14.0	.53	1.14	128	14.7	
ACALA SJ-1	881	DE	7.04	65	37.0	13.0	.55	1.16	125	14.4	
PAYMASTER 111	853	DE	7.64	60	35.8	12.0	.50	1.07	111	12.6	
STONEVILLE 603	818	E	5.85	78	38.9	11.2	.51	1.11	113	12.9	
TIFTON, GA.											
COKER 310	1117	A	5.93	77	42.9	9.3	.55	1.18	121	13.9	
COKER 201	1113	A	6.66	68	40.2	10.0	.55	1.13	115	13.3	
COKER 417	1080	AB	6.29	72	39.7	10.0	.56	1.18	123	14.1	
DELTAPINE 16	1072	AB	6.23	73	39.8	10.3	.55	1.16	111	12.7	
COKER 711	1053	AB	5.72	80	41.2	9.8	.56	1.14	117	13.4	
STONEVILLE 213	1041	AB	6.02	76	37.3	11.0	.55	1.12	114	13.1	
TH 149	1009	ABC	7.50	61	36.0	13.0	.52	1.12	127	14.6	
DELCOT 277	1006	ABC	6.74	68	38.8	11.5	.55	1.17	129	14.8	
MC NAIR 9511	980	ABC	5.84	78	37.5	11.0	.54	1.12	118	13.5	
MCNAIR 9512	950	ABCD	6.16	74	35.4	11.3	.54	1.10	120	13.8	
STONEVILLE 603	941	BCD	5.77	79	37.3	10.5	.55	1.14	115	13.2	
MCNAIR 210	935	BCD	6.77	67	35.9	11.5	.54	1.11	121	13.9	
DIXIE KING II	908	BCD	7.47	61	37.3	11.8	.54	1.11	116	13.3	
ACALA SJ-1	859	CD	7.24	63	35.5	12.5	.55	1.13	129	14.8	
PAYMASTER 111	799	D	7.73	59	36.3	11.8	.52	1.08	115	13.3	
FLORENCE, S.C.											
COKER 201	1091	A	6.78	67	41.1	10.2	.57	1.18	118	13.5	
COKER 417	1081	A	6.84	66	39.1	10.7	.57	1.23	128	14.6	
MCNAIR 9512	1068	A	7.09	64	36.4	11.3	.54	1.12	122	13.9	
DELTAPINE 16	1054	AB	6.66	68	39.3	10.1	.55	1.20	120	13.7	
COKER 711	1046	AB	5.99	76	39.0	10.3	.57	1.17	125	14.3	
STONEVILLE 213	1024	AB	6.42	71	38.0	11.5	.55	1.16	115	13.2	
STONEVILLE 603	1010	ABC	6.69	68	35.8	11.4	.55	1.17	116	13.3	
COKER 310	960	BCD	6.47	71	43.3	9.7	.55	1.24	124	14.2	
MCNAIR 210	922	CDE	7.73	59	35.6	13.2	.53	1.13	127	14.6	
DELCOT 277	914	DE	7.81	59	38.3	12.1	.55	1.22	129	14.7	
DIXIE KING II	910	DE	8.14	56	39.3	11.9	.55	1.16	110	12.6	
MC NAIR 9511	885	DE	6.15	74	36.4	11.2	.53	1.12	123	14.1	
ACALA SJ-1	860	E	7.90	58	35.7	12.7	.56	1.17	128	14.7	
TH 149	859	E	8.69	52	36.3	13.8	.57	1.19	126	14.5	
PAYMASTER 111	575	F	7.85	58	34.8	12.4	.52	1.12	115	13.2	

1971 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF.
	MICRO- NAIRE	SLIVER UHM	MEAN	TO	T1	E1	METER RD	B	
EXPERIMENT, GA.									
MCNAIR 9512	4.26	1.09	0.94	33.0	18.5	9.7	78	9.3	87
COKER 310	3.81	1.25	1.05	33.4	18.2	9.1	77	9.3	84
COKER 711	4.17	1.15	0.97	33.3	18.1	9.9	77	9.5	85
DIXIE KING II	3.91	1.15	0.98	32.4	16.8	9.3	77	9.3	85
COKER 201	4.10	1.18	1.00	33.3	17.2	9.0	78	8.5	85
COKER 417	3.80	1.25	1.08	33.8	18.2	9.2	77	9.0	87
MC NAIR 9511	3.93	1.13	0.97	34.4	18.6	10.0	77	9.3	86
MCNAIR 210	4.26	1.17	1.02	33.9	18.0	9.2	78	9.0	87
DELCOT 277	3.63	1.24	1.06	32.1	18.7	10.7	76	9.5	86
DELTAPINE 16	4.03	1.19	1.02	32.1	18.4	11.1	79	9.3	86
STONEVILLE 213	4.29	1.14	0.95	33.2	17.6	9.9	77	9.5	84
TH 149	4.21	1.20	1.03	37.4	19.3	7.7	78	8.5	86
ACALA SJ-1	3.93	1.19	1.06	34.6	19.0	9.2	77	9.0	89
PAYMASTER 111	4.08	1.09	0.94	31.9	16.8	9.7	77	9.3	86
STONEVILLE 603	4.10	1.14	0.95	34.3	18.7	10.0	77	9.3	84
TIFTON, GA.									
COKER 310	4.94	1.26	1.10	34.8	19.2	8.3	77	9.0	87
COKER 201	4.71	1.18	1.04	34.4	18.4	7.9	78	8.8	88
COKER 417	4.35	1.22	1.07	35.4	19.6	7.8	79	9.0	87
DELTAPINE 16	4.19	1.20	1.05	33.3	18.6	10.6	80	8.5	88
COKER 711	4.67	1.18	1.03	35.3	18.7	8.2	77	9.0	88
STONEVILLE 213	4.74	1.17	1.04	32.7	17.8	9.8	78	9.3	89
TH 149	4.51	1.20	1.07	36.4	19.9	8.4	79	8.5	90
DELCOT 277	3.93	1.22	1.09	34.2	20.3	9.7	75	9.3	89
MC NAIR 9511	4.26	1.14	1.00	35.8	18.7	8.8	78	9.0	88
MCNAIR 9512	4.50	1.15	1.03	35.8	18.9	9.8	78	9.0	90
STONEVILLE 603	4.38	1.16	1.03	33.1	18.3	9.9	80	9.0	89
MCNAIR 210	4.34	1.14	0.99	37.5	18.4	7.7	79	8.5	88
DIXIE KING II	4.18	1.15	1.00	33.9	17.8	8.3	80	8.5	87
ACALA SJ-1	4.33	1.19	1.05	36.9	21.0	8.1	78	9.0	89
PAYMASTER 111	4.46	1.12	0.99	35.3	19.0	8.2	77	9.0	89
FLORENCE, S.C.									
COKER 201	4.57	1.22	1.04	34.7	17.9	8.3	78	8.8	85
COKER 417	4.15	1.26	1.09	35.5	19.0	8.1	78	8.8	87
MCNAIR 9512	4.49	1.11	0.94	35.6	19.0	8.6	77	9.3	85
DELTAPINE 16	4.15	1.20	1.00	33.6	17.9	10.2	80	9.0	84
COKER 711	4.59	1.19	1.00	35.7	19.3	8.3	77	9.8	84
STONEVILLE 213	4.66	1.17	1.01	32.9	18.0	8.9	78	9.5	86
STONEVILLE 603	4.34	1.19	1.03	34.3	18.3	9.7	78	9.0	87
COKER 310	4.24	1.27	1.04	35.4	18.3	9.0	78	8.8	82
MCNAIR 210	4.63	1.18	1.03	36.9	19.3	7.8	78	9.0	87
DELCOT 277	4.00	1.23	1.06	33.8	19.3	9.6	76	9.5	86
DIXIE KING II	4.40	1.15	0.98	33.2	17.7	8.3	77	8.8	85
MC NAIR 9511	4.64	1.15	0.99	35.5	18.5	8.3	76	9.3	87
ACALA SJ-1	4.19	1.20	1.05	35.3	19.9	8.6	78	9.0	88
TH 149	4.56	1.22	1.07	35.8	19.4	7.6	78	8.5	88
PAYMASTER 111	4.36	1.13	0.94	34.1	17.5	8.1	77	9.0	84

1971 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY										
	• YIELD	• BOLL SIZE	•	• LINT	• SEED	• SPAN	•	• 22'S	•	• YT
	• LB. LINT	• GRAM. NO.	•	• PCT.	• INDEX	• LENGTH	•	•	•	•
	• PER ACRE	• PER . PER	•	• BOLL. LB.	•	• 50 2.5	•	•	•	•
						• PCT PCT				

ROCKY MT., N.C.

MCNAIR 9512	662 A	6.57	69	37.4	11.2	.49	1.08	110	12.7
STONEVILLE 213	612 AB	6.61	69	38.1	11.0	.52	1.12	108	12.4
COKER 711	602 ABC	5.66	80	40.0	10.1	.52	1.12	113	12.9
COKER 417	591 ABC	6.40	71	38.7	10.9	.53	1.17	117	13.5
MC NAIR 9511	590 ABC	5.90	77	38.4	10.9	.52	1.11	112	12.8
STONEVILLE 603	586 ABC	6.40	71	36.9	11.6	.50	1.10	106	12.2
DELTAPINE 16	581 ABC	6.65	69	38.8	10.4	.53	1.18	109	12.5
MCNAIR 210	551 BC	7.03	65	36.6	12.5	.52	1.10	117	13.4
COKER 310	533 BC	6.21	74	41.2	9.9	.56	1.22	116	13.3
TH 149	525 BC	7.94	58	36.8	13.4	.54	1.14	115	13.2
DELCOT 277	524 BC	7.24	63	37.4	12.7	.55	1.20	120	13.8
DIXIE KING II	523 BC	7.48	61	38.9	11.8	.49	1.08	101	11.6
COKER 201	516 C	6.46	71	40.3	10.7	.52	1.13	107	12.3
ACALA SJ-1	388 D	7.57	60	34.8	13.5	.52	1.15	110	12.6
PAYMASTER 111	352 D	7.60	60	35.0	12.6	.50	1.10	104	11.9

1971 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF. RATIO
	MICRO- NAIRE	SLIVER UHM	MEAN	T0	T1	E1	RD	B	

ROCKY MT., N.C.

MCNAIR 9512	4.56	1.12	1.00	33.3	17.6	10.1	71	8.0	89
STONEVILLE 213	4.66	1.15	1.02	30.9	17.2	10.4	69	7.8	89
COKER 711	4.54	1.18	1.05	33.0	18.6	9.5	69	8.3	89
COKER 417	4.22	1.19	1.05	33.0	18.3	8.8	71	8.0	88
MC NAIR 9511	4.50	1.14	1.01	33.1	16.8	9.8	69	8.3	89
STONEVILLE 603	4.49	1.14	1.02	31.5	17.1	10.2	72	7.5	90
DELTAPINE 16	4.09	1.21	1.05	30.5	17.3	10.9	71	7.8	87
MCNAIR 210	4.76	1.16	1.04	34.6	18.1	8.4	71	7.5	90
COKER 310	4.45	1.25	1.10	33.5	18.0	9.3	71	8.0	88
TH 149	4.55	1.19	1.07	34.0	18.0	8.4	71	7.5	90
DELCOT 277	3.97	1.28	1.14	33.1	19.2	10.8	72	8.5	90
DIXIE KING II	4.24	1.12	0.98	32.7	15.9	9.0	68	8.0	88
COKER 201	4.57	1.16	1.01	31.5	17.6	8.7	70	8.0	88
ACALA SJ-1	4.04	1.17	1.02	32.9	17.9	8.5	68	7.3	88
PAYMASTER 111	4.37	1.11	0.96	31.6	17.2	9.1	70	8.0	87

1971 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT
	LB.	LINT	GRAM.	NO.			LENGTH	2.5		
	PER ACRE	PER ACRE	PER	PER	PCT.	INDEX	50 PCT	PCT		
DELTAPINE 16	893 A		6.16	74	37.8	11.4	.53	1.18	116	13.3
DELTAPINE 45A	883 A		5.64	80	38.8	11.3	.53	1.14	113	13.0
COKER 310	869 A		5.67	81	39.6	11.1	.54	1.24	118	13.6
DELCOT 277	844 AB		6.69	68	37.5	13.0	.55	1.21	125	14.4
STONEVILLE 213	835 AB		5.90	77	38.4	11.6	.53	1.14	111	12.7
STONEVILLE 603	826 AB		5.88	78	36.3	12.5	.52	1.15	112	12.9
COKER 417	800 AB		6.07	75	37.5	11.9	.55	1.22	124	14.3
COKER 201	795 AB		6.03	76	39.3	11.8	.52	1.15	115	13.3
STONEVILLE 7A	745 BC		5.60	82	38.3	11.4	.51	1.15	109	12.5
ACALA SJ-1	656 CD		6.82	67	36.1	13.9	.55	1.16	129	14.8
PAYMASTER 111	629 D		7.25	63	35.3	12.9	.51	1.09	111	12.7

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT
	LB.	LINT	GRAM.	NO.			LENGTH	2.5		
	PER ACRE	PER ACRE	PER	PER	PCT.	INDEX	50 PCT	PCT		
ST'VILLE, MISS.	1057 A		6.40	71	35.8	12.0	.57	1.21	122	14.1
PORT'VILLE, MO.	948 B		6.70	69	38.6	12.5	.49	1.14	110	12.7
ST JOSEPH, LA.	915 B		6.16	74	38.4	12.2	.54	1.18	117	13.5
TUNICA, MISS.	904 B		6.07	75	38.3	12.3	.56	1.18	121	14.0
ROHWER, ARK.	750 C		5.81	79	36.2	12.5	.55	1.20	121	13.9
CL'DALE, ARK.	692 C		5.91	78	38.4	11.5	.52	1.15	116	13.4
FT PILL., TENN.	318 D		6.04	76	38.4	11.6	.49	1.12	109	12.5

BOLL SIZE, GRAM PER BOLL

PAYMASTER 111	7.25 A
ACALA SJ-1	6.82 B
DELCOT 277	6.69 B
DELTAPINE 16	6.16 C
COKER 417	6.07 C
COKER 201	6.03 C
STONEVILLE 213	5.90 CD
STONEVILLE 603	5.88 CD
COKER 310	5.67 D
DELTAPINE 45A	5.64 D
STONEVILLE 7A	5.60 D

BOLL SIZE, NO. PER LB.

STONEVILLE 7A	82 A
COKER 310	81 AB
DELTAPINE 45A	80 ABC
STONEVILLE 603	78 BCD
STONEVILLE 213	77 CDE
COKER 201	76 DE
COKER 417	75 DE
DELTAPINE 16	74 E
DELCOT 277	68 F
ACALA SJ-1	67 F
PAYMASTER 111	63 G

1971 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO- NAIRE	DRAWING SLIVER		TO	STELOMETER			COLORI- METER		UNIF. RATIO
		UHM	MEAN		T1	E1	RD	B		
DELTAPINE 16	4.25	1.23	1.04	34.2	18.7	9.6	76	8.0	84	
DELTAPINE 45A	4.35	1.18	1.02	35.3	18.6	8.5	74	8.0	86	
COKER 310	4.28	1.28	1.06	36.2	18.8	7.8	74	8.2	83	
DELCOT 277	3.83	1.27	1.08	35.0	19.8	10.1	74	8.5	86	
STONEVILLE 213	4.72	1.20	1.03	35.0	18.2	8.4	75	8.5	86	
STONEVILLE 603	4.42	1.20	1.02	35.6	19.0	8.3	74	8.0	85	
COKER 417	4.07	1.27	1.07	37.2	19.4	7.6	75	8.3	85	
COKER 201	4.50	1.21	1.03	36.2	18.4	7.2	75	8.1	85	
STONEVILLE 7A	4.62	1.19	1.00	36.9	17.9	6.8	74	8.1	84	
ACALA SJ-1	4.28	1.21	1.05	38.8	21.0	7.2	74	8.4	87	
PAYMASTER 111	4.44	1.13	0.97	35.3	17.8	7.4	73	8.3	85	

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO- NAIRE	DRAWING SLIVER		TO	STELOMETER		COLORI- METER		UNIF. RATIO
		UHM	MEAN		T1	E1	RD	B	
ST'VILLE, MISS.	4.31	1.26	1.09	35.8	19.3	8.4	75	7.7	86
PORT'VILLE, MO.	3.96	1.17	0.99	34.5	18.7	8.5	71	8.3	84
ST JOSEPH, LA.	4.56	1.24	1.04	35.5	18.7	8.2	75	7.8	84
TUNICA, MISS.	4.72	1.23	1.07	37.4	18.8	7.6	79	8.6	87
ROHWER, ARK.	4.31	1.26	1.06	36.2	19.3	7.9	71	7.8	85
CL'DALE, ARK.	4.38	1.20	1.02	36.6	18.8	8.0	75	8.1	85
ET PILL., TENN.	4.16	1.15	0.96	35.9	18.3	7.9	74	9.1	84

LINT PCT.

COKER 310	39.6	A
COKER 201	39.3	AB
DELTAPINE 45A	38.8	BC
STONEVILLE 213	38.4	CD
STONEVILLE 7A	38.3	CD
DELTAPINE 16	37.8	DE
DELCOT 277	37.5	E
COKER 417	37.5	E
STONEVILLE 603	36.3	F
ACALA SJ-1	36.1	F
PAYMASTER 111	35.3	G

SEED INDEX

ACALA SJ-1	13.9	A
DELCOT 277	13.0	B
PAYMASTER 111	12.9	B
STONEVILLE 603	12.5	C
COKER 417	11.9	D
COKER 201	11.8	D
STONEVILLE 213	11.6	DE
DELTAPINE 16	11.4	EF
STONEVILLE 7A	11.4	EF
DELTAPINE 45A	11.3	EF
COKER 310	11.1	F

1971 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

DELCOT 277	0.55	A
COKER 417	0.55	A
ACALA SJ-1	0.55	A
COKER 310	0.54	AB
DELTAPINE 16	0.53	BC
STONEVILLE 213	0.53	BC
DELTAPINE 45A	0.53	BC
COKER 201	0.52	CD
STONEVILLE 603	0.52	CD
PAYMASTER 111	0.51	D
STONEVILLE 7A	0.51	D

SPAN LENGTH, 2.5 PCT.

COKER 310	1.24	A
COKER 417	1.22	B
DELCOT 277	1.21	B
DELTAPINE 16	1.18	C
ACALA SJ-1	1.16	D
COKER 201	1.15	DE
STONEVILLE 7A	1.15	DE
STONEVILLE 603	1.15	DE
STONEVILLE 213	1.14	E
DELTAPINE 45A	1.14	E
PAYMASTER 111	1.09	F

DRAWING SLIVER, UHM

COKER 310	1.28	A
DELCOT 277	1.27	A
COKER 417	1.27	A
DELTAPINE 16	1.23	B
COKER 201	1.21	C
ACALA SJ-1	1.21	C
STONEVILLE 213	1.20	CD
STONEVILLE 603	1.20	CD
STONEVILLE 7A	1.19	DE
DELTAPINE 45A	1.18	E
PAYMASTER 111	1.13	F

DRAWING SLIVER, MEAN

DELCOT 277	1.08	A
COKER 417	1.07	AB
COKER 310	1.06	ABC
ACALA SJ-1	1.05	BCD
DELTAPINE 16	1.04	CDE
COKER 201	1.03	DE
STONEVILLE 213	1.03	DE
DELTAPINE 45A	1.02	EF
STONEVILLE 603	1.02	EF
STONEVILLE 7A	1.00	F
PAYMASTER 111	0.97	G

UNIFORMITY RATIO

ACALA SJ-1	87	A
STONEVILLE 213	86	AB
DELCOT 277	86	AB
DELTAPINE 45A	86	AB
COKER 417	85	BC
STONEVILLE 603	85	BC
PAYMASTER 111	85	BC
COKER 201	85	BC
DELTAPINE 16	84	CD
STONEVILLE 7A	84	CD
COKER 310	83	D

MICRONAIRE

STONEVILLE 213	4.72	A
STONEVILLE 7A	4.62	AB
COKER 201	4.50	BC
PAYMASTER 111	4.44	CD
STONEVILLE 603	4.42	CD
DELTAPINE 45A	4.35	DE
ACALA SJ-1	4.28	E
COKER 310	4.28	E
DELTAPINE 16	4.25	E
COKER 417	4.07	F
DELCOT 277	3.83	G

1971 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

22'S

ACALA SJ-1	129	A
DELCOT 277	125	AB
COKER 417	124	B
COKER 310	118	C
DELTAPINE 16	116	CD
COKER 201	115	CDE
DELTAPINE 45A	113	DEF
STONEVILLE 603	112	DEF
PAYMASTER 111	111	EF
STONEVILLE 213	111	EF
STONEVILLE 7A	109	F

YARN TENACITY

ACALA SJ-1	14.8	A
DELCOT 277	14.4	AB
COKER 417	14.3	B
COKER 310	13.6	C
DELTAPINE 16	13.3	CD
COKER 201	13.3	CD
DELTAPINE 45A	13.0	DE
STONEVILLE 603	12.9	DE
STONEVILLE 213	12.7	E
PAYMASTER 111	12.7	E
STONEVILLE 7A	12.5	E

STELOMETER - T0

ACALA SJ-1	38.8	A
COKER 417	37.2	B
STONEVILLE 7A	36.9	BC
COKER 201	36.2	CD
COKER 310	36.2	CD
STONEVILLE 603	35.6	DE
DELTAPINE 45A	35.3	DE
PAYMASTER 111	35.3	DE
DELCOT 277	35.0	EF
STONEVILLE 213	35.0	EF
DELTAPINE 16	34.2	F

STELOMETER - T1

ACALA SJ-1	21.0	A
DELCOT 277	19.8	B
COKER 417	19.4	BC
STONEVILLE 603	19.0	CD
COKER 310	18.8	CDE
DELTAPINE 16	18.7	DE
DELTAPINE 45A	18.6	DE
COKER 201	18.4	DEF
STONEVILLE 213	18.2	EF
STONEVILLE 7A	17.9	F
PAYMASTER 111	17.8	F

STELOMETER - E1	COLORIMETER -RD	COLORIMETER -B
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DELCOT 277	10.1	A	DELTAPINE 16	76	A	STONEVILLE 213	8.5	A
DELTAPINE 16	9.6	B	COKER 417	75	AB	DELCOT 277	8.5	A
DELTAPINE 45A	8.5	C	STONEVILLE 213	75	AB	ACALA SJ-1	8.4	AB
STONEVILLE 213	8.4	C	COKER 201	75	AB	PAYMASTER 111	8.3	ABC
STONEVILLE 603	8.3	C	ACALA SJ-1	74	BC	COKER 417	8.3	ABC
COKER 310	7.8	D	COKER 310	74	BC	COKER 310	8.2	ABC
COKER 417	7.6	DE	DELTAPINE 45A	74	BC	COKER 201	8.1	BC
PAYMASTER 111	7.4	DE	DELCOT 277	74	BC	STONEVILLE 7A	8.1	BC
ACALA SJ-1	7.2	EF	STONEVILLE 603	74	BC	DELTAPINE 16	8.0	C
COKER 201	7.2	EF	STONEVILLE 7A	74	BC	DELTAPINE 45A	8.0	C
STONEVILLE 7A	6.8	F	PAYMASTER 111	73	C	STONEVILLE 603	8.0	C

1971 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• 22'S	• Y T	
	• LB. LINT	• PER ACRE	• GRAM. NO.	• PER BOLL.			• LENGTH	• 50 PCT			• 2.5 PCT
<u>ST JOSEPH, LA.</u>											
COKER 201	1114	A	6.10	75	40.0	11.6	.52	1.14	113	13.0	
DELTAPINE 45A	1064	A	5.79	78	39.9	11.2	.53	1.14	112	12.8	
COKER 310	1015	AB	5.62	81	40.9	10.8	.56	1.24	119	13.6	
STONEVILLE 213	967	AB	5.67	80	39.3	11.4	.53	1.13	109	12.5	
COKER 417	966	AB	5.69	80	37.4	12.4	.57	1.24	128	14.6	
ACALA SJ-1	960	AB	6.78	67	36.8	13.9	.55	1.16	127	14.6	
DELTAPINE 16	905	BC	6.25	73	38.9	11.3	.55	1.19	118	13.5	
STONEVILLE 603	784	CD	6.30	72	36.8	12.8	.54	1.17	112	12.8	
STONEVILLE 7A	780	CD	5.73	79	38.1	11.8	.54	1.18	115	13.2	
DELCOT 277	776	CD	6.57	70	38.6	12.9	.56	1.21	125	14.3	
PAYMASTER 111	738	D	7.19	63	35.4	13.2	.52	1.10	114	13.0	
<u>ST'VILLE, MISS.</u>											
DELCOT 277	1199	A	7.10	64	34.7	13.3	.59	1.25	132	15.1	
DELTAPINE 16	1187	A	6.34	72	35.3	11.4	.55	1.22	118	13.6	
DELTAPINE 45A	1181	AB	6.01	76	36.5	11.4	.58	1.19	120	13.8	
COKER 310	1135	ABC	6.06	75	37.2	11.4	.58	1.28	123	14.0	
STONEVILLE 213	1133	ABC	5.96	77	36.3	11.4	.56	1.19	117	13.4	
STONEVILLE 603	1103	BC	6.00	76	34.6	11.9	.56	1.18	118	13.5	
STONEVILLE 7A	1082	C	5.78	79	36.5	11.4	.55	1.20	116	13.4	
COKER 201	997	D	6.33	72	37.6	11.6	.54	1.19	120	13.8	
COKER 417	972	D	6.44	71	35.1	11.6	.61	1.26	129	14.8	
PAYMASTER 111	869	E	7.50	61	34.4	12.7	.56	1.13	121	13.8	
ACALA SJ-1	765	F	6.83	67	34.9	13.7	.56	1.18	136	15.5	
<u>TUNICA, MISS.</u>											
DELCOT 277	1024	A	6.54	70	38.6	13.0	.59	1.23	130	14.9	
DELTAPINE 45A	1014	A	5.84	78	39.1	11.9	.56	1.15	117	13.4	
COKER 310	977	AB	5.34	85	40.0	11.4	.55	1.23	124	14.3	
COKER 417	972	AB	6.25	73	37.8	12.1	.59	1.25	130	14.9	
STONEVILLE 7A	970	AB	5.43	84	39.2	11.8	.51	1.15	109	12.5	
DELTAPINE 16	962	AB	5.92	77	38.3	11.2	.53	1.18	116	13.3	
STONEVILLE 213	933	AB	5.81	78	39.1	11.9	.55	1.16	114	13.1	
STONEVILLE 603	890	AB	5.82	78	36.5	12.7	.54	1.16	116	13.3	
COKER 201	818	BC	6.00	76	39.7	12.6	.55	1.17	122	14.0	
PAYMASTER 111	705	C	7.22	63	36.4	12.3	.54	1.11	115	13.3	
ACALA SJ-1	684	C	6.59	69	36.8	14.3	.60	1.18	144	16.5	
<u>CL'DALE, ARK.</u>											
DELTAPINE 16	1018	A	6.02	75	38.3	10.8	.50	1.16	116	13.3	
DELTAPINE 45A	923	AB	5.30	86	40.0	10.4	.51	1.11	114	13.1	
DELCOT 277	818	BC	7.05	65	37.4	12.8	.55	1.22	130	14.9	
STONEVILLE 603	817	BC	5.36	85	36.9	11.9	.51	1.14	112	12.9	
STONEVILLE 213	723	CD	5.79	81	39.6	10.9	.51	1.13	110	12.7	
COKER 310	628	DE	5.37	85	39.6	10.6	.53	1.22	116	13.2	
COKER 417	612	DE	6.30	72	38.2	11.8	.54	1.20	124	14.2	
STONEVILLE 7A	608	DE	4.82	94	39.8	10.1	.50	1.14	104	11.9	
COKER 201	546	DEF	5.65	81	39.9	10.9	.49	1.12	109	12.6	
ACALA SJ-1	492	EF	6.51	70	36.5	12.7	.54	1.13	134	15.4	
PAYMASTER 111	432	F	6.84	66	35.7	12.9	.48	1.05	109	12.5	

1971 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO- NAIRE	DRAWING	TO	STELOMETER			COLORI- METER		UNIF. RATIO
		SLIVER		T1	EL	RD	B		
		UHM						MEAN	

ST JOSEPH, LA.

COKER 201	4.76	1.22	1.03	36.5	18.1	7.6	76	7.8	85
DELTAPINE 45A	4.60	1.20	1.03	34.5	18.2	8.9	75	7.3	86
COKER 310	4.42	1.27	1.04	35.7	18.6	7.9	73	7.5	82
STONEVILLE 213	4.99	1.21	1.03	35.6	18.3	8.5	77	8.3	85
COKER 417	4.25	1.31	1.09	36.7	19.6	7.2	75	7.8	84
ACALA SJ-1	4.28	1.21	1.06	37.7	20.4	7.5	76	8.0	87
DELTAPINE 16	4.60	1.25	1.04	33.8	18.9	9.6	77	7.8	83
STONEVILLE 603	4.66	1.23	1.04	34.8	18.4	8.4	75	7.5	85
STONEVILLE 7A	4.89	1.25	1.02	36.4	18.4	6.8	75	7.8	82
DELCOT 277	4.21	1.28	1.07	34.1	18.8	9.8	75	8.0	84
PAYMASTER 111	4.45	1.14	0.96	34.2	18.2	7.8	74	8.5	85

ST'VILLE, MISS.

DELCOT 277	3.73	1.33	1.16	35.1	20.7	10.4	75	8.0	87
DELTAPINE 16	4.26	1.27	1.08	33.8	19.2	10.1	77	7.5	86
DELTAPINE 45A	4.42	1.23	1.06	35.2	19.3	9.5	74	7.5	87
COKER 310	4.25	1.32	1.11	35.8	19.4	7.9	75	8.0	85
STONEVILLE 213	4.60	1.25	1.09	34.4	18.4	9.0	75	8.0	88
STONEVILLE 603	4.39	1.25	1.08	34.5	18.4	8.5	74	7.5	87
STONEVILLE 7A	4.65	1.24	1.05	37.8	18.2	7.1	75	7.5	85
COKER 201	4.52	1.24	1.07	35.7	18.8	7.1	76	7.8	86
COKER 417	3.95	1.31	1.14	38.3	19.9	7.4	75	8.0	87
PAYMASTER 111	4.39	1.18	1.03	35.2	18.4	7.4	76	7.5	88
ACALA SJ-1	4.21	1.21	1.07	37.9	22.0	7.3	75	7.8	89

TUNICA, MISS.

DELCOT 277	4.19	1.28	1.12	36.8	20.0	10.1	78	9.0	88
DELTAPINE 45A	4.75	1.20	1.05	36.6	18.3	7.8	78	8.5	88
COKER 310	4.68	1.30	1.11	36.8	18.5	7.2	78	8.5	86
COKER 417	4.35	1.28	1.12	38.6	19.0	7.1	78	8.5	88
STONEVILLE 7A	5.09	1.19	1.02	37.2	17.9	6.2	79	8.5	86
DELTAPINE 16	4.52	1.24	1.07	35.2	18.3	9.7	81	8.3	86
STONEVILLE 213	5.16	1.20	1.05	36.0	18.0	7.8	78	9.0	87
STONEVILLE 603	4.71	1.22	1.04	37.3	18.7	7.7	80	8.8	85
COKER 201	4.87	1.22	1.09	36.9	18.1	7.0	79	8.5	89
PAYMASTER 111	4.81	1.15	0.99	37.6	18.1	6.3	78	8.5	87
ACALA SJ-1	4.72	1.23	1.11	41.8	21.9	6.9	79	9.0	90

CL'OLE, ARK.

DELTAPINE 16	4.18	1.21	1.02	34.3	18.8	9.4	78	8.0	84
DELTAPINE 45A	4.50	1.16	1.01	34.8	18.1	8.2	75	8.0	87
DELCOT 277	3.85	1.28	1.12	36.1	21.2	10.2	77	8.5	88
STONEVILLE 603	4.45	1.18	1.01	36.0	19.2	8.5	74	7.5	86
STONEVILLE 213	4.65	1.18	1.00	35.2	18.2	8.1	76	8.5	85
COKER 310	4.45	1.26	1.05	36.9	18.4	8.1	76	8.3	83
COKER 417	4.06	1.26	1.06	38.6	19.0	7.2	77	8.3	85
STONEVILLE 7A	4.39	1.15	0.93	37.5	16.8	6.8	74	7.5	81
COKER 201	4.46	1.16	0.98	36.2	17.7	6.9	76	8.3	84
ACALA SJ-1	4.49	1.20	1.05	40.5	21.2	7.2	76	8.0	88
PAYMASTER 111	4.71	1.11	0.96	35.9	17.4	7.3	73	8.0	87

1971 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•
	• YIELD	•	• BOLL SIZE	•	•	•	• SPAN	•	•	•
	• LB. LINT	•	• GRAM. NO.	•	• LINT	•	• SEED	•	• LENGTH	• 22'S
	• PER ACRE	•	• PER. PER.	•	• PCT.	•	• INDEX	•	• 50 2.5	•
	•	•	•	•	•	•	•	•	•	•
	•	•	• BOLL. LB.	•	•	•	•	•	• PCT PCT	•

RCHWER, ARK.

COKER 310	885 A	5.18	88	38.3	11.6	.55	1.27	119	13.6
DELTAPINE 16	844 AB	5.93	77	36.3	11.5	.54	1.19	120	13.8
COKER 201	795 BC	5.73	79	37.6	12.6	.52	1.18	121	13.9
STONEVILLE 213	785 BCD	5.78	78	36.9	11.8	.55	1.18	114	13.1
DELTAPINE 45A	764 CDE	5.28	86	37.5	11.3	.55	1.18	117	13.5
DELCOT 277	729 CDEF	5.84	78	35.6	13.2	.56	1.22	131	15.0
COKER 417	722 DEF	5.72	80	35.6	12.3	.55	1.22	128	14.6
ACALA SJ-1	706 EF	6.78	67	35.5	14.3	.57	1.22	134	15.3
STONEVILLE 603	702 EF	5.47	84	34.3	12.7	.53	1.17	118	13.5
STONEVILLE 7A	689 FG	5.32	85	36.9	12.0	.54	1.20	111	12.7
PAYMASTER 111	633 G	6.83	67	33.8	13.6	.52	1.12	116	13.3

PORTVILLE, MO.

COKER 310	1107 A	6.75	68	40.5	11.4	.49	1.19	112	12.9
STONEVILLE 603	1046 AB	6.30	72	37.6	12.6	.48	1.11	104	11.9
DELCOT 277	1022 AB	7.15	64	39.1	13.8	.50	1.18	119	13.6
COKER 201	1018 AB	6.45	71	40.6	12.0	.48	1.15	109	12.5
DELTAPINE 16	1009 AB	6.65	69	38.4	12.1	.50	1.16	110	12.6
COKER 417	990 B	6.10	75	39.4	11.8	.50	1.19	117	13.4
STONEVILLE 213	983 B	6.40	71	39.2	12.1	.49	1.09	106	12.2
DELTAPINE 45A	951 B	5.70	80	39.1	12.0	.48	1.10	106	12.2
ACALA SJ-1	770 C	7.50	61	36.0	14.7	.49	1.15	122	14.0
STONEVILLE 7A	768 C	6.35	72	39.0	11.7	.46	1.08	103	11.8
PAYMASTER 111	761 C	8.35	55	35.8	13.4	.48	1.08	103	11.9

FT PILL., TENN.

STONEVILLE 603	441 A	5.88	77	37.1	12.3	.48	1.09	107	12.2
COKER 417	369 AB	5.95	76	38.9	11.4	.51	1.16	116	13.3
COKER 310	338 BC	5.36	85	40.7	10.5	.51	1.20	116	13.4
DELCOT 277	337 BC	6.56	69	38.5	11.9	.50	1.15	112	12.8
DELTAPINE 16	325 BC	6.00	76	38.9	11.3	.52	1.16	113	12.9
STONEVILLE 213	322 BC	5.85	78	38.3	11.5	.49	1.10	104	12.0
STONEVILLE 7A	320 BC	5.74	79	38.2	11.1	.44	1.06	106	12.2
DELTAPINE 45A	286 BCD	5.58	81	39.1	11.0	.48	1.08	107	12.3
COKER 201	280 BCD	5.92	77	39.9	10.8	.51	1.11	114	13.1
PAYMASTER 111	264 CD	6.83	67	35.7	11.9	.46	1.03	98	11.2
ACALA SJ-1	214 D	6.73	68	36.4	13.9	.50	1.10	105	12.1

1971 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING		STELOMETER			COLORI-		UNIF.	
	MICRO-	SLIVER	TO	T1	E1	METER	RD		
	NAIRE	UHM				MEAN			B

ROHWER, ARK.

COKER 310	4.31	1.33	1.09	36.1	18.8	7.6	70	8.0	82
DELTAPINE 16	4.43	1.25	1.05	33.8	19.0	9.3	73	7.5	84
COKER 201	4.20	1.26	1.06	36.3	19.0	6.7	70	7.8	84
STONEVILLE 213	4.77	1.24	1.07	35.3	18.8	7.8	70	7.8	86
DELTAPINE 45A	4.25	1.21	1.04	36.3	19.6	8.3	68	7.8	87
DELCOT 277	3.69	1.29	1.08	34.2	19.5	10.1	71	8.5	84
COKER 417	4.05	1.28	1.05	36.7	19.2	7.2	72	7.8	82
ACALA SJ-1	4.24	1.28	1.09	39.3	21.7	6.8	69	7.5	85
STONEVILLE 603	4.38	1.25	1.09	36.5	19.8	8.2	72	7.5	88
STONEVILLE 7A	4.62	1.24	1.05	38.1	18.6	6.5	74	8.0	85
PAYMASTER 111	4.40	1.17	1.00	35.8	18.3	7.6	71	8.0	85

PORTVILLE, MD.

COKER 310	3.71	1.24	1.01	35.9	18.9	7.9	71	8.0	82
STONEVILLE 603	3.95	1.14	0.96	33.7	18.3	8.2	72	8.0	84
DELCOT 277	3.41	1.21	1.03	33.1	19.1	10.0	72	8.5	86
COKER 201	4.24	1.17	0.97	36.0	18.7	7.4	71	8.0	83
DELTAPINE 16	3.92	1.19	0.99	33.2	18.6	10.0	73	8.3	84
COKER 417	3.75	1.22	1.03	35.8	19.5	9.8	73	7.8	85
STONEVILLE 213	4.40	1.14	0.98	33.0	17.7	8.8	72	8.5	87
DELTAPINE 45A	3.83	1.15	0.98	33.6	18.1	9.2	73	8.3	86
ACALA SJ-1	4.10	1.17	1.00	37.7	21.0	7.5	70	9.3	86
STONEVILLE 7A	4.24	1.14	0.98	34.6	17.8	7.0	70	8.5	86
PAYMASTER 111	4.01	1.11	0.94	32.9	17.7	7.8	70	8.5	84

FT. PILL., TENN.

STONEVILLE 603	4.39	1.11	0.92	36.1	19.6	8.3	74	9.0	83
COKER 417	4.05	1.20	1.01	35.5	19.3	7.0	73	9.8	84
COKER 310	4.11	1.22	1.01	36.5	18.6	7.7	75	9.0	83
DELCOT 277	3.70	1.19	0.99	35.6	19.2	9.7	74	9.0	84
DELTAPINE 16	3.84	1.19	0.99	35.4	18.0	8.7	77	8.5	83
STONEVILLE 213	4.42	1.14	0.95	35.3	18.0	8.4	75	9.5	84
STONEVILLE 7A	4.45	1.12	0.93	36.6	17.8	7.0	74	9.0	83
DELTAPINE 45A	4.10	1.11	0.92	36.1	18.3	7.6	74	9.0	83
COKER 201	4.41	1.16	1.00	35.5	17.9	7.5	75	9.0	87
PAYMASTER 111	4.29	1.05	0.88	35.1	16.3	7.2	74	9.0	84
ACALA SJ-1	3.92	1.13	0.94	36.6	18.7	7.3	72	9.0	83

1971 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT
	LB.	LINT	GRAM.	NO.			LENGTH	2.5		
DELTAPINE 16	932	A	5.63	81	37.7	10.6	.54	1.16	118	13.6
STONEVILLE 7A	910	A	5.17	89	38.5	10.6	.53	1.14	112	12.8
STONEVILLE 213	895	A	5.45	84	37.9	11.0	.52	1.12	112	12.9
COKER 201	857	A	5.33	86	39.4	11.0	.55	1.15	118	13.5
COKER 417	844	A	5.51	84	36.9	11.3	.54	1.15	125	14.4
DELTAPINE 45A	843	A	5.30	87	37.7	10.8	.52	1.10	117	13.4
ACALA SJ-1	653	B	6.13	75	35.2	13.2	.55	1.15	135	15.5
PAYMASTER 111	649	B	6.69	69	36.0	12.6	.50	1.08	118	13.6

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE			LINT PCT.	SEED INDEX	SPAN		22'S	YT
		GRAM.	NO.	PCT.			LENGTH 50	2.5 PCT		
		PER	PER	PCT.	INDEX	50	2.5	PCT	PCT	
COL. STA., TEX.	1056 A	5.51	83	36.5	11.6	.55	1.14	120	13.8	
BOSSIER C., LA.	939 B	6.05	76	39.4	12.1	.52	1.14	117	13.5	
WESLACO, TEX.	934 B	6.27	73	35.3	11.8	.55	1.12	122	14.0	
NIGES CT., TEX.	363 C	4.78	96	38.4	9.9	.49	1.08	112	12.9	
BRADLEY, ARK.						.55	1.18	126	14.5	

BOLL SIZE, GRAM PER BOLL

PAYMASTER 111	6.69 A
ACALA SJ-1	6.13 B
DELTAPINE 16	5.63 C
COKER 417	5.51 C
STONEVILLE 213	5.45 C
COKER 201	5.33 C
DELTAPINE 45A	5.30 C
STONEVILLE 7A	5.17 C

BOLL SIZE, NO. PER LB.

STONEVILLE 7A	89 A
DELTAPINE 45A	87 AB
COKER 201	86 AB
STONEVILLE 213	84 AB
COKER 417	84 AB
DELTAPINE 16	81 B
ACALA SJ-1	75 C
PAYMASTER 111	69 D

1971 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO- NAIRE	DRAWING SLIVER		STELOMETER	TO	T1	E1	COLORI- METER		UNIF. RATIO
		UHM	MEAN					RD	B	
DELTAPINE 16	4.63	1.19	1.01	35.3	19.6	9.7	73	8.0		85
STONEVILLE 7A	4.95	1.17	0.99	37.6	18.1	6.9	72	7.9		85
STONEVILLE 213	4.97	1.16	1.00	35.1	18.2	8.3	71	8.2		86
COKER 201	4.77	1.18	1.00	37.0	18.9	7.6	71	8.0		85
COKER 417	4.54	1.19	1.04	38.2	19.7	7.3	70	8.1		88
DELTAPINE 45A	4.81	1.14	1.00	35.1	18.9	8.8	72	7.8		88
ACALA SJ-1	4.72	1.18	1.04	40.2	22.2	7.4	71	8.1		88
PAYMASTER 111	4.92	1.11	0.96	37.4	18.9	7.5	70	8.3		87

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO- NAIRE	DRAWING SLIVER		STELOMETER	TO	T1	E1	COLORI- METER		UNIF. RATIO
		UHM	MEAN					RD	B	
COL. STA., TFX.	5.17	1.18	1.02	36.1	19.4	8.0	70	7.8		86
BOSSIER C., LA.	4.98	1.19	1.04	37.4	19.2	7.9	73	7.6		87
WESLACO, TEX.	4.84	1.15	1.01	36.2	19.5	8.1	77	8.9		88
NACES CT., TEX.	4.72	1.09	0.90	37.8	18.6	7.3	60	8.1		83
BRADLEY, ARK.	4.23	1.22	1.06	37.6	19.9	8.3	77	8.0		87

LINT PCT.

COKER 201	39.4	A
STONEVILLE 7A	38.5	B
STONEVILLE 213	37.9	B
DELTAPINE 16	37.7	BC
DELTAPINE 45A	37.7	BC
COKER 417	36.9	C
PAYMASTER 111	36.0	D
ACALA SJ-1	35.2	D

SEED INDEX

ACALA SJ-1	13.2	A
PAYMASTER 111	12.6	A
COKER 417	11.3	B
STONEVILLE 213	11.0	B
COKER 201	11.0	B
DELTAPINE 45A	10.8	B
DELTAPINE 16	10.6	B
STONEVILLE 7A	10.6	B

1971 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

COKER 201	0.55	A
ACALA SJ-1	0.55	A
DELTAPINE 16	0.54	AB
COKER 417	0.54	AB
STONEVILLE 7A	0.53	AB
DELTAPINE 45A	0.52	BC
STONEVILLE 213	0.52	BC
PAYMASTER 111	0.50	C

SPAN LENGTH, 2.5 PCT.

DELTAPINE 16	1.16	A
COKER 417	1.15	A
COKER 201	1.15	A
ACALA SJ-1	1.15	A
STONEVILLE 7A	1.14	AB
STONEVILLE 213	1.12	ABC
DELTAPINE 45A	1.10	BC
PAYMASTER 111	1.08	C

DRAWING SLIVER, UHM

DELTAPINE 16	1.19	A
COKER 417	1.19	A
ACALA SJ-1	1.18	AB
COKER 201	1.18	AB
STONEVILLE 7A	1.17	AB
STONEVILLE 213	1.16	AB
DELTAPINE 45A	1.14	BC
PAYMASTER 111	1.11	C

DRAWING SLIVER, MEAN

ACALA SJ-1	1.04	A
COKER 417	1.04	A
DELTAPINE 16	1.01	AB
STONEVILLE 213	1.00	B
DELTAPINE 45A	1.00	B
COKER 201	1.00	B
STONEVILLE 7A	0.99	BC
PAYMASTER 111	0.96	C

UNIFORMITY RATIO

DELTAPINE 45A	88	A
ACALA SJ-1	88	A
COKER 417	88	A
PAYMASTER 111	87	AB
STONEVILLE 213	86	BC
DELTAPINE 16	85	C
COKER 201	85	C
STONEVILLE 7A	85	C

MICRONAIRE

STONEVILLE 213	4.97	A
STONEVILLE 7A	4.95	A
PAYMASTER 111	4.92	A
DELTAPINE 45A	4.81	AB
COKER 201	4.77	ABC
ACALA SJ-1	4.72	ABC
DELTAPINE 16	4.63	BC
COKER 417	4.54	C

1971 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

22'S		YARN TENACITY		COLORIMETER -B	
ACALA SJ-1	135 A	ACALA SJ-1	15.5 A	PAYMASTER 111	8.3 A
COKER 417	125 B	COKER 417	14.4 B	STONEVILLE 213	8.2 AB
COKER 201	118 C	PAYMASTER 111	13.6 C	ACALA SJ-1	8.1 AB
PAYMASTER 111	118 C	DELTAPINE 16	13.6 C	COKER 417	8.1 AB
DELTAPINE 16	118 C	COKER 201	13.5 C	COKER 201	8.0 AB
DELTAPINE 45A	117 C	DELTAPINE 45A	13.4 CD	DELTAPINE 16	8.0 AB
STONEVILLE 213	112 D	STONEVILLE 213	12.9	DE STONEVILLE 7A	7.9 AB
STONEVILLE 7A	112 D	STONEVILLE 7A	12.8	E DELTAPINE 45A	7.8 B

STELOMETER - TO		
ACALA SJ-1	40.2	A
COKER 417	38.2	B
STONEVILLE 7A	37.6	B
PAYMASTER 111	37.4	B
COKER 201	37.0	B
DELTAPINE 16	35.3	C
DELTAPINE 45A	35.1	C
STONEVILLE 213	35.1	C

STELOMETER - T1		
ACALA SJ-1	22.2	A
COKER 417	19.7	B
DELTAPINE 16	19.6	B
DELTAPINE 45A	18.9	C
COKER 201	18.9	C
PAYMASTER 111	18.9	C
STONEVILLE 213	18.2	CD
STONEVILLE 7A	18.1	D

STELOMETER - E1		
DELTAPINE 16	9.7	A
DELTAPINE 45A	8.8	B
STONEVILLE 213	8.3	B
COKER 201	7.6	C
PAYMASTER 111	7.5	C
ACALA SJ-1	7.4	CD
COKER 417	7.3	CD
STONEVILLE 7A	6.9	D

COLORIMETER -RD		
DELTAPINE 16	73	A
STONEVILLE 7A	72	AB
DELTAPINE 45A	72	AB
COKER 201	71	BC
STONEVILLE 213	71	BC
ACALA SJ-1	71	BC
COKER 417	70	C
PAYMASTER 111	70	C

1971 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•
	YIELD	GRAM.	ROLL SIZE	LINT	SEED	SPAN	22'S	YT			
	LB.	PER	PER	PCT.	INDEX	50 2.5					
	PER ACRE	ROLL	LB.			PCT	PCT				

COL. STA., TEX.

DELTAPINE 16	1326 A	5.67	80	37.3	10.2	.54	1.14	117	13.5
DELTAPINE 45A	1171 A	5.55	82	37.0	10.7	.52	1.11	120	13.7
STONEVILLE 7A	1167 A	5.01	91	37.0	10.8	.55	1.17	117	13.4
STONEVILLE 213	1159 A	5.19	88	36.8	10.9	.55	1.14	111	12.7
COKER 417	1121 A	5.41	84	36.1	11.4	.55	1.15	129	14.8
COKER 201	1088 A	5.31	86	38.9	11.0	.59	1.16	114	13.1
PAYMASTER 111	714 B	6.31	72	35.1	13.2	.49	1.05	117	13.4
ACALA SJ-1	702 B	5.64	81	33.7	14.8	.57	1.19	136	15.6

WESLACO, TEX.

STONEVILLE 7A	1079 A	5.56	82	36.1	11.0	.54	1.12	116	13.3
COKER 201	1028 AB	6.14	74	37.8	11.3	.59	1.18	125	14.3
DELTAPINE 16	995 ABC	5.83	78	36.2	11.0	.57	1.15	124	14.3
STONEVILLE 213	971 ABC	6.02	75	35.8	11.4	.53	1.11	113	13.0
DELTAPINE 45A	916 ABCD	5.77	79	35.6	11.8	.54	1.09	121	13.8
COKER 417	882 BCD	6.23	73	34.0	11.8	.56	1.14	126	14.4
ACALA SJ-1	841 CD	6.88	66	33.1	13.4	.56	1.11	135	15.5
PAYMASTER 111	759 D	7.72	59	33.8	12.9	.53	1.05	119	13.6

BRADLEY, ARK.

COKER 201						.57	1.21	131	15.0
PAYMASTER 111						.53	1.11	122	14.0
ACALA SJ-1						.57	1.22	139	15.9
DELTAPINE 45A						.55	1.15	122	14.0
COKER 417						.54	1.16	131	15.0
DELTAPINE 16						.54	1.24	125	14.3
STONEVILLE 213						.53	1.18	121	13.9
STONEVILLE 7A						.55	1.18	118	13.6

BOSSIER C., LA.

STONEVILLE 213	1112 A	5.78	79	40.5	11.8	.50	1.11	110	12.7
STONEVILLE 7A	1027 AB	5.79	78	41.0	11.4	.49	1.13	108	12.3
DELTAPINE 16	1021 AB	6.09	75	39.6	11.1	.53	1.17	114	13.1
COKER 417	993 ABC	6.04	76	39.1	12.3	.55	1.21	126	14.4
DELTAPINE 45A	942 BC	5.49	83	39.5	11.6	.49	1.10	114	13.1
COKER 201	865 CD	5.25	87	40.6	11.7	.52	1.15	114	13.1
ACALA SJ-1	789 D	6.95	65	37.1	13.8	.55	1.16	136	15.6
PAYMASTER 111	760 D	6.98	65	37.5	13.1	.48	1.03	115	13.1

NICES CT., TEX.

COKER 201	446 A	4.61	99	40.2	10.0	.47	1.05	105	12.1
DELTAPINE 16	386 AB	4.94	92	37.7	10.0	.50	1.11	112	12.9
COKER 417	381 AB	4.37	104	38.2	9.5	.48	1.10	116	13.3
STONEVILLE 7A	367 B	4.32	105	39.7	9.0	.49	1.08	100	11.5
PAYMASTER 111	363 B	5.75	79	37.8	11.1	.49	1.14	120	13.8
DELTAPINE 45A	342 BC	4.38	104	38.7	9.2	.47	1.04	108	12.4
STONEVILLE 213	338 BC	4.81	95	38.3	9.8	.49	1.07	105	12.1
ACALA SJ-1	279 C	5.06	90	36.8	10.9	.51	1.07	128	14.8

1971 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	MICRO- NAIRE	DRAWING SLIVER		TO	STELOMETER		COLORI- METER		UNIF. RATIO
		UHM	MEAN		T1	E1	RD	B	

COL. STA., TEX.

DELTAPINE 16	4.95	1.18	1.01	33.2	19.1	10.0	73	7.5	86
DELTAPINE 45A	5.05	1.17	1.03	33.8	18.3	8.6	72	7.8	88
STONEVILLE 7A	5.49	1.21	1.03	37.5	18.4	7.0	71	7.5	85
STONEVILLE 213	5.25	1.16	0.99	34.0	18.6	8.7	69	8.0	86
COKER 417	4.98	1.20	1.04	38.7	20.1	7.4	69	7.5	87
COKER 201	5.33	1.18	0.99	35.9	19.2	7.2	72	8.0	85
PAYMASTER 111	5.21	1.11	0.96	36.7	19.5	7.4	67	7.8	87
ACALA SJ-1	5.09	1.24	1.08	38.6	22.1	7.5	69	8.0	87

WESLACO, TEX.

STONEVILLE 7A	4.71	1.14	0.99	36.0	18.9	7.3	78	9.0	87
COKER 201	5.12	1.19	1.02	36.6	19.8	7.7	76	8.8	87
DELTAPINE 16	4.74	1.18	1.03	34.6	20.0	9.8	80	8.3	88
STONEVILLE 213	5.04	1.15	1.01	33.9	18.3	8.6	77	9.5	88
DELTAPINE 45A	5.02	1.11	1.00	34.1	19.0	8.6	78	8.5	90
COKER 417	4.49	1.17	1.04	37.0	19.6	7.6	77	9.0	89
ACALA SJ-1	4.65	1.15	1.03	39.8	21.7	7.4	78	9.0	90
PAYMASTER 111	4.96	1.07	0.96	37.3	18.8	7.8	77	9.0	90

BRADLEY, ARK.

COKER 201	3.96	1.26	1.10	36.8	20.1	9.1	77	8.3	88
PAYMASTER 111	4.46	1.14	1.00	38.5	19.5	8.1	76	8.0	88
ACALA SJ-1	4.31	1.23	1.06	39.3	22.1	7.9	77	8.0	86
DELTAPINE 45A	4.35	1.19	1.05	35.2	19.8	9.5	76	7.8	89
COKER 417	4.35	1.20	1.07	39.5	20.3	7.2	75	8.3	89
DELTAPINE 16	3.86	1.26	1.06	37.3	20.2	9.3	79	8.3	85
STONEVILLE 213	4.26	1.22	1.06	36.7	18.3	7.9	78	7.8	87
STONEVILLE 7A	4.25	1.23	1.06	37.2	18.4	7.4	77	8.0	86

BOSSIER C., LA.

STONEVILLE 213	5.21	1.19	1.03	34.7	17.8	8.7	72	7.5	87
STONEVILLE 7A	5.20	1.18	0.99	38.3	17.8	6.3	72	7.0	85
DELTAPINE 16	4.90	1.22	1.04	35.6	19.3	9.7	76	7.8	86
COKER 417	4.63	1.26	1.11	38.3	19.8	7.3	74	8.0	88
DELTAPINE 45A	4.93	1.17	1.03	35.8	19.1	9.0	72	7.3	88
COKER 201	4.86	1.20	1.04	37.9	18.3	7.4	72	7.3	87
ACALA SJ-1	4.90	1.20	1.09	41.0	23.0	7.3	74	8.0	91
PAYMASTER 111	5.22	1.09	0.95	37.2	18.3	7.1	73	8.0	88

NIGES CT., TEX.

COKER 201	4.55	1.05	0.84	38.0	17.1	6.3	60	8.0	80
DELTAPINE 16	4.70	1.10	0.91	35.5	19.3	9.4	61	8.5	83
COKER 417	4.23	1.10	0.93	37.6	18.8	6.8	57	8.0	85
STONEVILLE 7A	5.08	1.07	0.87	39.1	17.0	6.3	63	8.0	81
PAYMASTER 111	4.75	1.12	0.92	37.5	18.2	7.0	59	8.5	82
DELTAPINE 45A	4.71	1.06	0.89	36.6	18.4	8.1	61	8.0	84
STONEVILLE 213	5.09	1.09	0.91	36.1	18.0	7.6	61	8.3	84
ACALA SJ-1	4.67	1.09	0.92	42.2	22.1	7.0	60	7.5	84

1971 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM. NO. PER BOLL	LINT PCT.	SEED INDEX	SPAN		22'S	YT
					LENGTH 50 PCT	2.5 PCT		
TAMCUT 788	445 A	5.84	80	34.0	11.5	.48	1.09	123 14.1
WESTBURN 70	410 AB	5.72	81	34.2	11.5	.46	1.05	103 11.8
LOCKETT BXL	396 ABC	5.78	80	33.1	12.1	.49	1.10	114 13.2
COKER 201	375 ABC	5.20	89	36.5	11.4	.49	1.08	111 12.7
DELTAPINE 16	368 BC	5.19	89	34.1	11.1	.49	1.11	114 13.1
LANKART 3840	351 BCD	6.29	73	33.8	12.5	.49	1.09	111 12.8
PAYMASTER 111	351 BCD	6.26	73	33.3	12.7	.46	1.02	108 12.5
STRIPPER CALA S	341 BCDE	5.51	85	32.1	11.8	.45	1.05	113 13.0
LOCKETT 4789A	340 BCDE	5.57	83	33.5	12.2	.49	1.09	114 13.1
PAYMASTER 202	335 BCDE	6.38	73	33.2	12.5	.46	1.00	111 12.8
LOCKETT 4789	331 CDE	5.66	82	32.7	12.0	.48	1.07	110 12.6
LANKART 57	291 DE	6.88	67	34.3	14.1	.47	1.05	99 11.4
ACALA SJ-1	284 DE	5.70	81	33.2	13.0	.51	1.11	130 15.0
GREGG 35W	269 F	5.41	86	32.9	12.5	.47	1.02	115 13.3

SUBREGIONAL SUMMARY COMBINING LUBBOCK (IRR) AND LUBBOCK (DRY),
HALE COUNTY, AND DAWSON COUNTY

TAMCOT 788	604 A	5.27	87	33.7	11.2	.47	1.10	117 13.4
LOCKETT BXL	515 AB	5.14	88	31.3	11.8	.47	1.11	113 13.0
WESTBURN 70	499 ABC	5.04	90	31.9	11.1	.44	1.07	102 11.7
COKER 201	481 ABC	5.15	89	35.2	11.4	.47	1.08	109 12.5
PAYMASTER 111	460 BCD	5.92	77	33.1	12.1	.45	1.04	108 12.4
LANKART 3840	435 BCDE	5.91	77	32.5	12.7	.47	1.09	109 12.5
LOCKETT 4789A	428 BCDE	5.07	90	32.8	11.9	.46	1.10	111 12.8
STRIPPER CALA S	415 BCDE	4.85	95	31.4	11.2	.44	1.04	110 12.7
PAYMASTER 202	405 BCDE	5.63	81	32.1	12.0	.45	1.02	107 12.3
DELTAPINE 16	401 BCDE	4.44	103	32.1	10.7	.46	1.11	112 12.9
LOCKETT 4789	395 BCDE	5.08	90	31.4	11.8	.45	1.06	109 12.5
LANKART 57	358 CDE	6.07	75	33.7	13.5	.44	1.05	100 11.5
ACALA SJ-1	322 DE	5.25	87	31.1	13.2	.51	1.13	128 14.8
GREGG 35W	311 E	4.96	93	31.9	12.9	.46	1.06	113 13.0

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), AL (US),
CHICKASHA (IRR), AND MANGUM

DELTAPINE 16	341 A	5.84	78	35.2	11.3	.51	1.11	116 13.4
WESTBURN 70	339 A	6.35	72	35.2	11.7	.47	1.03	104 11.9
TAMCUT 788	317 AB	6.34	73	34.1	11.6	.49	1.09	129 14.8
LOCKETT BXL	301 ABC	6.34	72	33.9	12.2	.50	1.08	117 13.4
COKER 201	291 ABC	5.49	84	37.2	11.5	.50	1.07	113 13.0
LANKART 3840	283 ABC	6.75	68	34.3	12.4	.51	1.09	114 13.1
STRIPPER CALA S	282 ABC	6.15	75	32.2	12.2	.46	1.05	116 13.3
LOCKETT 4789	280 ABC	6.25	74	32.9	12.1	.49	1.06	111 12.8
PAYMASTER 202	279 ABC	7.10	65	33.8	12.8	.47	0.99	115 13.2
LOCKETT 4789A	270 BC	6.06	76	33.5	12.4	.50	1.09	118 13.6
LANKART 57	270 BC	7.47	62	33.9	14.6	.48	1.04	99 11.4
PAYMASTER 111	263 BC	6.66	69	32.9	13.1	.47	1.00	110 12.7
ACALA SJ-1	253 BC	6.28	73	34.3	12.7	.52	1.08	134 15.4
GREGG 35W	236 C	5.95	78	32.7	12.2	.47	0.99	119 13.7

1971 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO- NAIRE	DRAWING SLIVER		STELOMETER			COLORI- METER		UNIF. RATIO
		UHM	MEAN	TO	Tl	El	RD	B	
TAMCOT 788	3.87	1.13	0.93	40.3	21.0	6.7	74	8.0	83
WESTBURN 70	3.87	1.08	0.90	34.8	17.7	8.5	74	7.6	84
LOCKETT BXL	3.99	1.13	0.96	36.6	19.0	8.3	74	7.8	84
COKER 201	4.38	1.13	0.95	36.4	18.4	7.8	74	8.0	84
DELTAPINE 16	4.20	1.16	0.98	34.6	18.9	9.0	75	7.8	84
LANKART 3840	4.41	1.14	0.97	36.2	18.5	7.8	73	7.8	85
PAYMASTER 111	4.31	1.06	0.90	36.7	18.3	7.9	73	8.2	84
STRIPPER CALA S	3.81	1.07	0.88	39.0	19.1	7.1	73	8.1	82
LOCKETT 4789A	3.97	1.13	0.96	36.4	18.9	8.3	74	8.0	85
PAYMASTER 202	4.22	1.03	0.88	36.6	18.9	7.9	73	8.1	86
LOCKETT 4789	3.98	1.10	0.93	35.5	18.3	7.9	74	8.1	84
LANKART 57	4.25	1.09	0.92	31.3	16.4	10.0	73	8.5	85
ACALA SJ-1	4.17	1.17	1.01	39.1	21.7	7.9	73	7.8	87
GREGG 35W	3.93	1.06	0.90	37.3	19.8	8.4	73	8.1	85

SUBREGIONAL SUMMARY COMBINING LUBBOCK (IRR) AND LUBBOCK (DRY),
HALE COUNTY, AND DAWSON COUNTY

TAMCOT 788	3.44	1.14	0.94	36.6	19.3	7.6	78	8.2	83
LOCKETT BXL	3.38	1.14	0.94	35.0	18.3	9.2	77	7.9	83
WESTBURN 70	3.32	1.10	0.91	33.0	17.5	9.2	76	8.3	82
COKER 201	3.86	1.14	0.95	33.9	17.5	8.8	77	8.4	83
PAYMASTER 111	3.70	1.09	0.91	34.0	17.5	8.9	76	8.4	83
LANKART 3840	3.81	1.15	0.95	33.6	17.5	8.6	78	7.9	83
LOCKETT 4789A	3.35	1.14	0.94	34.2	18.0	9.0	78	8.0	83
STRIPPER CALA S	3.31	1.07	0.87	36.2	18.4	7.8	77	8.4	81
PAYMASTER 202	3.62	1.05	0.88	33.8	17.9	8.8	77	8.4	84
DELTAPINE 16	3.39	1.15	0.94	34.3	18.1	7.9	78	8.1	82
LOCKETT 4789	3.37	1.11	0.90	34.1	17.8	8.6	78	8.1	82
LANKART 57	3.66	1.10	0.92	31.2	16.4	10.3	77	8.4	84
ACALA SJ-1	3.73	1.20	1.03	37.1	20.8	8.7	76	7.9	86
GREGG 35W	3.33	1.11	0.93	34.7	18.7	9.6	76	8.6	84

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS,
CHICKASHA (IRR), AND MANGUM

DELTAPINE 16	4.65	1.17	1.00	35.4	19.6	9.7	75	7.7	86
WESTBURN 70	4.21	1.06	0.89	36.2	17.7	8.0	74	8.0	85
TAMCOT 788	4.10	1.13	0.94	42.9	22.4	6.1	72	7.8	83
LOCKETT BXL	4.31	1.12	0.96	38.1	19.7	7.8	73	7.8	86
COKER 201	4.74	1.12	0.95	39.0	19.3	7.0	74	7.8	85
LANKART 3840	4.81	1.14	0.98	38.4	19.4	7.3	72	7.7	86
STRIPPER CALA S	4.15	1.07	0.88	41.0	19.4	6.6	72	7.9	82
LOCKETT 4789	4.33	1.09	0.93	36.8	18.6	7.6	73	8.1	86
PAYMASTER 202	4.60	1.02	0.88	38.8	19.7	7.3	72	7.9	87
LOCKETT 4789A	4.31	1.12	0.96	38.1	19.7	7.8	72	7.9	86
LANKART 57	4.67	1.08	0.93	31.8	16.6	9.9	72	8.5	86
PAYMASTER 111	4.60	1.04	0.89	38.5	18.8	7.1	72	8.1	85
ACALA SJ-1	4.46	1.14	1.00	41.1	22.6	7.3	73	7.9	88
GREGG 35W	4.27	1.03	0.89	39.9	20.8	7.5	72	7.8	87

1971 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		22'S	YT	
	LB.	LINT PER ACRE	GRAM.	NO. PER BOLL.			50	2.5			
								PCT			PCT
DAWSON CT., TEX	718	A	5.14	89	32.9	12.3	.46	1.05	109	12.6	
CL.(IRR.), TEX.	480	B	6.42	71	32.2	13.2	.48	1.09	111	12.7	
LUBBOCK (IRR)	437	B	5.53	83	31.0	12.2	.48	1.13	115	13.2	
HALE CT., TEX.	326	C	5.07	91	31.4	11.6	.43	1.04	105	12.1	
MANGUM, OKLA.	316	C	6.90	66	33.9	13.0	.50	1.03	117	13.5	
CH.(IRR), OKLA.	307	C	6.92	66	34.7	12.7	.48	1.07	110	12.7	
LUBBOCK (DRY)	229	D	5.37	86	34.5	11.8	.47	1.09	114	13.1	
ALTUS, OKLA.	173	E	6.00	77	32.1	11.3	.50	1.06	122	14.1	
CL.(DRY), TEX.	154	E	5.56	83	37.2	11.5	.48	1.02	113	13.0	
MCGREGOR, TEX.			5.23	88	36.4	12.5	.48	1.06	108	12.4	

BOLL SIZE, GRAM PER BOLL

LANKART 57	6.88	A
PAYMASTER 202	6.38	B
LANKART 3840	6.29	B
PAYMASTER 111	6.26	B
TAMCOT 788	5.84	C
LOCKETT BXL	5.78	CD
WESTBURN 70	5.72	CD
ACALA SJ-1	5.70	CD
LOCKETT 4789	5.66	CD
LOCKETT 4789A	5.57	CDE
STRIPPER CALA S	5.51	CDE
GREGG 35W	5.41	DE
COKER 201	5.20	E
DELTAPINE 16	5.19	E

BOLL SIZE, NO. PER LB.

DELTAPINE 16	89	A
COKER 201	89	A
GREGG 35W	86	AB
STRIPPER CALA S	85	AB
LOCKETT 4789A	83	B
LOCKETT 4789	82	B
ACALA SJ-1	81	B
WESTBURN 70	81	B
TAMCOT 788	80	B
LOCKETT BXL	80	B
PAYMASTER 111	73	C
PAYMASTER 202	73	C
LANKART 3840	73	C
LANKART 57	67	D

LINT PCT.

COKER 201	36.5	A
LANKART 57	34.3	B
WESTBURN 70	34.2	B
DELTAPINE 16	34.1	B
TAMCOT 788	34.0	B
LANKART 3840	33.8	BC
LOCKETT 4789A	33.5	BC
PAYMASTER 111	33.3	BC
ACALA SJ-1	33.2	BC
PAYMASTER 202	33.2	BC
LOCKETT BXL	33.1	BC
GREGG 35W	32.9	BC
LOCKETT 4789	32.7	BC
STRIPPER CALA S	32.1	C

SEED INDEX

LANKART 57	14.1	A
ACALA SJ-1	13.0	B
PAYMASTER 111	12.7	BC
LANKART 3840	12.5	BCD
PAYMASTER 202	12.5	BCD
GREGG 35W	12.5	BCD
LOCKETT 4789A	12.2	CDE
LOCKETT BXL	12.1	CDEF
LOCKETT 4789	12.0	DEFG
STRIPPER CALA S	11.8	EFG
WESTBURN 70	11.5	FGH
TAMCOT 788	11.5	FGH
COKER 201	11.4	GH
DELTAPINE 16	11.1	H

1971 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	DRAWING SLIVER			STELOMETER			COLORI-METER		UNIF. RATIO
	MICRO-NAIRE	UHM	MEAN	TO	T1	E1	RD	B	
DAWSON CT., TEX	4.03	1.09	0.93	35.3	18.2	8.8	77	7.7	85
CL.(IRR.), TEX.	4.01	1.12	0.94	36.2	18.8	7.9	68	7.5	83
LUBBOCK (IRR)	3.24	1.17	0.95	34.2	18.4	8.7	77	8.6	81
HALE CT., TEX.	3.42	1.09	0.91	33.6	17.4	8.2	77	8.4	83
MANGUM, OKLA.	5.06	1.07	0.93	40.1	20.5	7.7	76	8.3	86
CH.(IRR), OKLA.	4.34	1.10	0.93	37.7	19.0	6.9	74	7.8	85
LUBBOCK (DRY)	3.39	1.13	0.93	34.6	18.6	9.4	77	8.2	82
ALTUS, OKLA.	4.12	1.12	0.98	37.4	19.7	8.2	75	7.9	88
CL.(DRY), TEX.	4.69	1.06	0.90	40.1	20.0	7.6	71	7.8	85
MCGREGOR, TEX.	4.66	1.10	0.94	35.7	18.8	7.7	64	7.6	85

DRAWING SLIVER, UHM

ACALA SJ-1	1.17	A
DELTAPINE 16	1.16	AB
LANKART 3840	1.14	BC
LOCKETT 4789A	1.13	C
TAMCOT 788	1.13	C
COKER 201	1.13	C
LOCKETT BXL	1.13	C
LOCKETT 4789	1.10	D
LANKART 57	1.09	DE
WESTBURN 70	1.08	DEF
STRIPPER CALA S	1.07	EF
GREGG 35W	1.06	F
PAYMASTER 111	1.06	F
PAYMASTER 202	1.03	G

DRAWING SLIVER, MEAN

ACALA SJ-1	1.01	A
DELTAPINE 16	0.98	B
LANKART 3840	0.97	BC
LOCKETT 4789A	0.96	BC
LOCKETT BXL	0.96	BC
COKER 201	0.95	CD
LOCKETT 4789	0.93	DE
TAMCOT 788	0.93	DE
LANKART 57	0.92	EF
GREGG 35W	0.90	FG
WESTBURN 70	0.90	FG
PAYMASTER 111	0.90	FG
STRIPPER CALA S	0.88	G
PAYMASTER 202	0.88	G

SPAN LENGTH, 2.5 PCT.

ACALA SJ-1	1.11	A
DELTAPINE 16	1.11	A
LOCKETT BXL	1.10	AB
TAMCOT 788	1.09	ABC
LOCKETT 4789A	1.09	ABC
LANKART 3840	1.09	ABC
COKER 201	1.08	BC
LOCKETT 4789	1.07	CD
STRIPPER CALA S	1.05	D
WESTBURN 70	1.05	D
LANKART 57	1.05	D
GREGG 35W	1.02	E
PAYMASTER 111	1.02	E
PAYMASTER 202	1.00	E

SPAN LENGTH, 50 PCT.

ACALA SJ-1	0.51	A
LANKART 3840	0.49	B
LOCKETT 4789A	0.49	B
DELTAPINE 16	0.49	B
COKER 201	0.49	B
LOCKETT BXL	0.49	B
TAMCOT 788	0.48	BC
LOCKETT 4789	0.48	BC
GREGG 35W	0.47	CD
LANKART 57	0.47	CD
PAYMASTER 202	0.46	DE
WESTBURN 70	0.46	DE
PAYMASTER 111	0.46	DE
STRIPPER CALA S	0.45	E

1971 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

YARN TENACITY

ACALA SJ-1	15.0	A
TAMCOT 788	14.1	B
GREGG 35W	13.3	C
LOCKETT 8XL	13.2	CD
LOCKETT 4789A	13.1	CDE
DELTAPINE 16	13.1	CDE
STRIPPER CALA S	13.0	CDE
LANKART 3840	12.8	CDE
PAYMASTER 202	12.8	CDE
COKER 201	12.7	CDE
LOCKETT 4789	12.6	DE
PAYMASTER 111	12.5	E
WESTBURN 70	11.8	F
LANKART 57	11.4	F

UNIFORMITY RATIO

ACALA SJ-1	87	A
PAYMASTER 202	86	AB
LANKART 3840	85	BC
GREGG 35W	85	BC
LOCKETT 4789A	85	BC
LANKART 57	85	BC
DELTAPINE 16	84	CD
PAYMASTER 111	84	CD
LOCKETT 8XL	84	CD
LOCKETT 4789	84	CD
WESTBURN 70	84	CD
COKER 201	84	CD
TAMCOT 788	83	DE
STRIPPER CALA S	82	E

STELOMETER - T0

TAMCOT 788	40.3	A
ACALA SJ-1	39.1	A
STRIPPER CALA S	39.0	A
GREGG 35W	37.3	B
PAYMASTER 111	36.7	BC
PAYMASTER 202	36.6	BC
LOCKETT 8XL	36.6	BC
LOCKETT 4789A	36.4	BC
COKER 201	36.4	BC
LANKART 3840	36.2	BC
LOCKETT 4789	35.5	CD
WESTBURN 70	34.8	D
DELTAPINE 16	34.6	D
LANKART 57	31.3	E

STELOMETER - T1

ACALA SJ-1	21.7	A
TAMCOT 788	21.0	B
GREGG 35W	19.8	C
STRIPPER CALA S	19.1	D
LOCKETT 8XL	19.0	DE
DELTAPINE 16	18.9	DE
LOCKETT 4789A	18.9	DE
PAYMASTER 202	18.9	DE
LANKART 3840	18.5	DE
COKER 201	18.4	DEF
PAYMASTER 111	18.3	FF
LOCKETT 4789	18.3	EF
WESTBURN 70	17.7	F
LANKART 57	16.4	G

STELOMETER - E1

LANKART 57	10.0	A
DELTAPINE 16	9.0	B
WESTBURN 70	8.5	BC
GREGG 35W	8.4	BC
LOCKETT 4789A	8.3	BC
LOCKETT 8XL	8.3	BC
LOCKETT 4789	7.9	CD
PAYMASTER 111	7.9	CD
PAYMASTER 202	7.9	CD
ACALA SJ-1	7.9	CD
LANKART 3840	7.8	CD
COKER 201	7.8	CD
STRIPPER CALA S	7.1	DE
TAMCOT 788	6.7	E

1971 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

22'S		
ACALA SJ-1	130	A
TAMCOT 788	123	B
GREGG 35W	115	C
LOCKETT 4789A	114	CD
DELTAPINE 16	114	CD
LOCKETT BXL	114	CD
STRIPPER CALA S	113	CD
PAYMASTER 202	111	CD
COKER 201	111	CD
LANKART 3840	111	CD
LOCKETT 4789	110	CD
PAYMASTER 111	108	D
WESTBURN 70	103	E
LANKART 57	99	E

MICRONAIRE		
LANKART 3840	4.41	A
COKER 201	4.38	AB
PAYMASTER 111	4.31	ABC
LANKART 57	4.25	ABC
PAYMASTER 202	4.22	ABC
DELTAPINE 16	4.20	BC
ACALA SJ-1	4.17	C
LOCKETT BXL	3.99	D
LOCKETT 4789	3.98	D
LOCKETT 4789A	3.97	D
GREGG 35W	3.93	D
TAMCOT 788	3.87	D
WESTBURN 70	3.87	D
STRIPPER CALA S	3.81	D

COLORIMETER -RD		
DELTAPINE 16	75	A
WESTBURN 70	74	B
TAMCOT 788	74	B
LOCKETT 4789A	74	B
LOCKETT 4789	74	B
LOCKETT BXL	74	B
COKER 201	74	B
ACALA SJ-1	73	B
PAYMASTER 111	73	B
GREGG 35W	73	B
LANKART 3840	73	B
PAYMASTER 202	73	B
STRIPPER CALA S	73	B
LANKART 57	73	B

COLORIMETER -B		
LANKART 57	8.5	A
PAYMASTER 111	8.2	AB
GREGG 35W	8.1	ABC
PAYMASTER 202	8.1	ABC
LOCKETT 4789	8.1	ABC
STRIPPER CALA S	8.1	ABC
COKER 201	8.0	BC
LOCKETT 4789A	8.0	BC
TAMCOT 788	8.0	BC
DELTAPINE 16	7.8	BC
LANKART 3840	7.8	BC
ACALA SJ-1	7.8	BC
LOCKETT BXL	7.8	BC
WESTBURN 70	7.6	C

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT			
	LB. LINT	PER ACRE	GRAM. NO.	PER BOLL.			LENGTH	50 2.5					
											PCT.	INDEX	PCT
DAWSON CT., TEX													
TAMCOT 788	974	A	5.05	90	33.7	11.1	.47	1.07	122	14.0			
LOCKETT BXL	896	AB	5.17	88	31.5	12.7	.47	1.07	111	12.7			
COKER 201	803	BC	4.83	94	38.0	11.2	.46	1.06	109	12.5			
WESTBURN 70	798	BC	4.75	96	31.9	11.7	.44	1.02	97	11.1			
LANKART 3840	788	BC	5.47	83	31.4	12.5	.47	1.05	107	12.3			
PAYMASTER 111	748	C	5.91	77	32.4	13.0	.47	1.03	105	12.0			
LOCKETT 4789A	720	C	5.18	88	30.4	12.8	.47	1.10	111	12.7			
DELTAPINE 16	705	C	4.58	99	35.4	11.0	.46	1.07	109	12.6			
LOCKETT 4789	705	C	4.90	93	34.8	12.2	.46	1.05	104	11.9			
STRIPPER CALA S	697	C	4.75	96	30.8	12.2	.44	1.03	107	12.2			
PAYMASTER 202	691	C	5.46	84	33.4	12.8	.45	0.95	103	11.9			
ACALA SJ-1	647	CD	5.23	87	31.7	12.6	.48	1.08	134	15.4			
GREGG 35W	531	D	4.45	102	31.4	12.5	.45	1.02	113	12.9			
LANKART 57			6.25	73	33.7	14.0	.45	1.01	96	11.1			

CL.(IRR.), TEX.											
DELTAPINE 16	582 A			5.98	76	32.8	12.7	.50	1.15	109	12.5
COKER 201	522 AB			4.98	91	34.9	12.1	.46	1.08	106	12.2
WESTBURN 70	518 AB			6.51	70	34.8	12.1	.46	1.05	102	11.8
LOCKETT 4789	516 AB			6.27	73	31.4	12.9	.50	1.12	101	11.6
STRIPPER CALA S	503 AB			6.68	68	29.7	12.6	.47	1.09	119	13.7
LOCKETT 4789A	501 AB			6.25	73	32.0	13.2	.51	1.15	113	13.0
TAMCOT 788	496 AB			6.88	66	31.2	12.3	.44	1.09	125	14.4
LANKART 3840	495 AB			7.05	65	31.5	14.0	.52	1.13	111	12.7
PAYMASTER 111	470 AB			6.54	70	31.9	13.4	.47	1.03	101	11.6
LANKART 57	469 AB			6.21	74	33.2	15.2	.45	1.06	95	10.9
LOCKETT BXL	447 B			6.47	71	31.0	13.3	.46	1.11	107	12.3
PAYMASTER 202	446 B			6.88	66	31.3	12.7	.47	1.03	116	13.4
ACALA SJ-1	436 B			6.79	67	33.1	15.0	.54	1.16	134	15.4
GREGG 35W	315 C			6.33	73	31.2	13.5	.46	1.00	111	12.8

LUBBOCK (IRR)											
TAMCOT 788	705 A			6.29	72	33.4	11.6	.51	1.20	126	14.4
WESTBURN 70	621 AB			5.21	87	30.6	11.2	.45	1.13	103	11.8
LOCKETT BXL	577 BC			5.37	85	29.3	12.1	.47	1.15	117	13.4
PAYMASTER 111	511 BCD			5.91	78	33.1	11.5	.47	1.08	115	13.2
LOCKETT 4789A	477 COE			5.57	82	30.1	12.2	.47	1.14	113	13.0
COKER 201	471 CDE			5.35	85	33.2	12.1	.52	1.17	112	12.9
LANKART 3840	432 DEF			5.87	77	30.8	12.4	.47	1.14	114	13.1
PAYMASTER 202	427 DEF			6.25	73	30.4	12.8	.48	1.07	116	13.3
STRIPPER CALA S	397 DEF			5.39	84	29.0	12.0	.47	1.11	118	13.5
DELTAPINE 16	374 EF			4.21	108	29.6	10.1	.47	1.17	118	13.5
LANKART 57	363 EF			6.33	72	35.4	14.1	.45	1.09	103	11.8
LOCKETT 4789	325 FG			5.42	84	30.0	11.7	.47	1.13	113	13.0
ACALA SJ-1	225 G			5.08	91	29.2	13.1	.53	1.18	127	14.6
GREGG 35W	212 G			5.20	88	30.0	13.2	.47	1.09	115	13.2

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	•	•	DRAWING	•	STELOMETER			•	COLORI-	•	
	•	MICRO-	•	SLIVER	•	•	•	•	METER	•	
	•	NAIRE	•	UHM	•	MEAN	•	TO	T1	E1	•
	•	•	•	•	•	•	•	•	RD	B	•
											UNIF.
											RATIO

DAWSON CT., TEX

TAMCOT 788	3.90	1.11	0.94	39.4	20.4	6.8	78	7.8	84
LOCKETT BXL	3.72	1.11	0.96	35.6	18.5	9.5	78	7.5	87
COKER 201	4.10	1.11	0.95	34.4	18.0	8.6	78	7.5	86
WESTBURN 70	4.08	1.07	0.90	31.3	16.6	9.7	77	7.8	84
LANKART 3840	4.44	1.10	0.95	34.8	17.5	8.7	79	7.3	86
PAYMASTER 111	4.17	1.08	0.92	33.8	17.1	8.7	77	7.5	85
LOCKETT 4789A	3.85	1.15	1.00	35.0	18.3	8.7	77	7.5	87
DELTAPINE 16	4.11	1.12	0.96	34.9	18.1	10.3	79	7.5	86
LOCKETT 4789	3.86	1.08	0.91	34.8	16.9	8.4	78	7.8	84
STRIPPER CALA S	4.05	1.05	0.87	37.7	17.9	7.0	77	8.3	83
PAYMASTER 202	4.48	0.98	0.85	35.1	18.3	8.8	77	8.0	87
ACALA SJ-1	4.05	1.15	1.01	39.6	21.4	7.5	77	7.0	88
GREGG 35W	3.44	1.06	0.92	35.6	19.1	9.7	77	8.0	87
LANKART 57	4.20	1.05	0.90	31.9	16.5	10.7	77	8.0	86

CL. (IRR.), TEX.

DELTAPINE 16	4.31	1.19	1.00	32.2	18.9	9.7	69	7.0	85
COKER 201	4.21	1.14	0.95	36.5	18.4	7.4	70	7.3	84
WESTBURN 70	3.82	1.06	0.88	33.6	16.9	7.1	69	7.8	83
LOCKETT 4789	3.96	1.12	0.95	34.3	16.8	8.2	67	7.8	85
STRIPPER CALA S	3.56	1.09	0.85	38.3	19.8	7.1	68	7.5	78
LOCKETT 4789A	3.82	1.17	0.98	35.8	17.6	7.9	67	7.3	84
TAMCOT 788	3.86	1.13	0.90	40.6	21.8	6.4	68	7.3	79
LANKART 3840	4.40	1.18	1.01	36.4	18.2	7.4	66	7.3	86
PAYMASTER 111	4.09	1.05	0.86	36.4	17.8	7.6	68	8.0	82
LANKART 57	4.15	1.08	0.91	30.8	15.9	9.4	68	8.0	84
LOCKETT BXL	3.86	1.15	0.96	35.9	18.9	8.0	69	7.5	84
PAYMASTER 202	3.99	1.06	0.91	36.5	19.0	7.9	68	7.8	86
ACALA SJ-1	4.04	1.19	1.04	40.4	22.1	7.3	67	7.0	87
GREGG 35W	3.99	1.05	0.88	38.5	20.8	8.2	68	7.5	84

LUBBOCK (IRR)

TAMCOT 788	3.56	1.21	0.96	37.8	20.0	7.1	77	8.8	80
WESTBURN 70	3.00	1.14	0.91	32.6	17.5	9.4	77	8.5	81
LOCKETT BXL	3.00	1.16	0.93	33.9	18.3	8.8	78	8.3	81
PAYMASTER 111	3.10	1.14	0.93	33.2	17.8	8.7	78	8.8	82
LOCKETT 4789A	3.09	1.18	0.95	33.0	18.1	8.7	79	8.3	81
COKER 201	3.76	1.21	0.99	33.3	17.6	8.1	77	9.3	82
LANKART 3840	3.39	1.19	0.93	34.3	18.0	7.7	79	7.8	79
PAYMASTER 202	3.44	1.11	0.92	35.2	18.5	8.3	78	8.5	84
STRIPPER CALA S	3.02	1.13	0.91	36.7	19.1	7.8	78	8.5	81
DELTAPINE 16	2.90	1.21	0.95	35.5	19.1	9.9	79	8.3	79
LANKART 57	3.13	1.14	0.94	29.8	16.7	10.3	78	8.8	83
LOCKETT 4789	3.22	1.15	0.91	33.4	17.9	8.4	78	8.5	79
ACALA SJ-1	3.45	1.25	1.06	36.0	20.3	9.1	76	9.0	85
GREGG 35W	3.25	1.15	0.95	33.6	17.9	9.5	76	9.3	82

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	HALE CT., TEX.											
	YIELD		BOLL SIZE		LINT		SEED		SPAN		22'S	YT
	LB.	LINT	GRAM.	NO.	PER	PCT.	INDEX	50	2.5			
	PER ACRE		BOLL.	LB.				PCT	PCT			
TAMCOT 788	447 A	4.43	103	32.2	9.8	.42	1.06	112	12.8			
LOCKETT 4789A	357 B	4.60	99	34.1	11.1	.43	1.05	106	12.2			
STRIPPER CALA S	353 B	4.77	95	30.3	10.6	.40	1.01	106	12.2			
GREGG 35W	351 B	4.99	93	31.2	12.3	.43	1.05	105	12.0			
LANKART 3840	351 B	5.83	78	31.0	12.5	.47	1.08	107	12.3			
PAYMASTER 111	344 B	5.68	80	32.9	12.0	.40	0.99	101	11.6			
LOCKETT 8XL	340 B	5.09	89	30.8	11.7	.45	1.07	105	12.1			
COKER 201	328 B	5.35	85	33.0	11.3	.42	1.02	101	11.6			
PAYMASTER 202	311 BC	5.35	85	29.3	11.3	.40	0.96	102	11.7			
LOCKETT 4789	303 BC	4.85	95	28.7	11.4	.40	0.99	102	11.7			
WESTBURN 70	295 BCD	4.93	92	30.7	10.3	.41	1.03	93	10.7			
DELTAPINE 16	229 CD	4.14	110	30.7	11.1	.42	1.06	104	11.9			
ACALA SJ-1	210 D	5.21	88	30.4	14.3	.48	1.09	123	14.1			
LANKART 57		5.80	78	33.7	12.2	.43	1.05	101	11.5			

MANGUM, OKLA.												
WESTBURN 70	407 A		6.22	73	35.8	13.0	.46	1.00	106		12.2	
TAMCOT 788	357 AB		7.04	65	34.7	12.5	.50	1.09	136		15.6	
LANKART 3840	353 AB		7.20	63	34.9	13.0	.51	1.08	115		13.2	
LOCKETT BXL	338 AB		6.58	69	35.4	13.0	.50	1.04	118		13.5	
STRIPPER CALA S	331 B		6.50	70	33.6	12.5	.47	1.02	118		13.6	
LANKART 57	328 B		8.46	54	32.2	15.5	.49	1.04	98		11.3	
LOCKETT 4789	321 B		7.04	65	33.7	12.5	.50	1.06	117		13.5	
ACALA SJ-1	307 B		6.92	66	37.6	12.5	.52	1.03	133		15.3	
LOCKETT 4789A	298 BC		6.80	67	33.7	13.0	.52	1.06	123		14.1	
PAYMASTER 202	295 BC		7.80	58	34.3	13.5	.46	0.98	112		12.9	
GREGG 35W	295 BC		6.42	71	33.0	13.0	.48	0.95	121		13.9	
COKER 201	285 BC		6.22	73	33.9	12.5	.52	1.05	119		13.6	
DELTAPINE 16	283 BC		6.54	69	33.0	11.5	.51	1.08	118		13.5	
PAYMASTER 111	227 C		6.84	67	26.6	14.0	.47	0.94	107		12.2	

CH. (IRR), OKLA.												
DELTAPINE 16	394 A		6.16	74	36.8	10.5	.50	1.11	113		13.0	
WESTBURN 70	377 AB		6.58	69	34.6	12.5	.45	1.05	108		12.0	
COKER 201	337 ABC		6.30	72	40.5	12.0	.51	1.10	113		12.9	
LOCKETT BXL	334 ABC		7.16	64	34.8	12.5	.50	1.11	118		13.5	
TAMCOT 788	331 ABC		6.38	72	34.6	11.5	.49	1.10	126		14.5	
GREGG 35W	329 ABC		6.86	66	31.6	12.5	.48	0.99	115		13.2	
PAYMASTER 111	321 ABCD		7.50	61	35.6	14.0	.46	1.03	112		12.9	
LOCKETT 4789	307 BCDE		6.84	67	33.7	12.0	.47	1.06	107		12.3	
LANKART 3840	299 CDE		7.30	62	34.3	12.5	.51	1.10	114		13.0	
ACALA SJ-1	292 CDE		6.68	68	36.3	12.5	.50	1.08	132		15.1	
PAYMASTER 202	289 CDE		7.90	58	33.1	14.0	.47	0.97	113		12.9	
LOCKETT 4789A	252 DEF		6.32	73	34.0	13.0	.48	1.08	118		13.5	
LANKART 57	242 EF		8.20	56	34.1	15.5	.47	1.07	97		11.1	
STRIPPER CALA S	199 F		6.68	68	32.4	12.5	.45	1.06	112		12.9	

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF.
	MICRO-	SLIVER		TO	T1	E1	METER	B	
	NAIRE	UHM	MEAN				RD		RATIO

HALE CT., TEX.

TAMCOT 788	3.14	1.09	0.89	37.0	19.3	6.9	77	8.3	81
LOCKETT 4789A	3.29	1.08	0.90	33.1	16.9	9.5	78	8.3	83
STRIPPER CALA S	3.06	1.05	0.85	35.5	17.7	7.5	77	8.5	82
GREGG 35W	3.33	1.10	0.91	33.2	17.5	9.0	76	8.5	83
LANKART 3840	3.65	1.14	0.96	34.3	17.9	8.0	77	8.3	84
PAYMASTER 111	3.55	1.07	0.89	33.1	16.9	9.2	76	8.5	83
LOCKETT BXL	3.38	1.11	0.92	34.8	17.2	9.2	77	8.3	83
COKER 201	3.86	1.09	0.91	33.1	16.2	9.4	77	8.5	84
PAYMASTER 202	3.39	1.01	0.85	32.0	17.0	8.6	76	9.0	84
LOCKETT 4789	3.36	1.06	0.88	32.7	17.0	8.7	78	8.3	83
WESTBURN 70	3.17	1.06	0.87	32.1	15.7	9.0	76	8.8	82
DELTAPINE 16	3.39	1.09	0.91	32.7	17.3	10.6	78	8.5	84
ACALA SJ-1	3.70	1.17	1.02	35.0	19.9	9.3	78	8.3	87
LANKART 57	3.65	1.10	0.92	31.8	16.4	9.4	77	8.5	84

MANGUM, OKLA.

WESTBURN 70	4.89	1.04	0.89	36.8	18.6	8.6	78	8.5	86
TAMCOT 788	4.44	1.13	0.97	45.4	23.6	6.3	74	8.0	86
LANKART 3840	5.42	1.13	0.98	39.3	20.3	7.4	76	8.3	87
LOCKETT BXL	4.94	1.10	0.94	40.8	20.8	7.9	76	8.3	86
STRIPPER CALA S	4.76	1.06	0.89	43.9	20.6	6.8	75	8.3	84
LANKART 57	5.26	1.08	0.91	33.1	17.0	10.1	75	8.8	85
LOCKETT 4789	4.78	1.08	0.94	39.1	19.9	7.5	76	8.5	87
ACALA SJ-1	5.32	1.08	0.96	41.7	23.3	7.2	77	8.3	89
LOCKETT 4789A	5.05	1.12	0.98	40.3	20.9	7.8	76	8.5	88
PAYMASTER 202	5.24	1.00	0.87	39.1	20.6	7.6	77	8.3	88
GREGG 35W	4.85	0.97	0.85	42.1	21.1	7.1	74	8.3	88
COKER 201	5.28	1.09	0.94	41.1	20.5	6.9	75	8.0	86
DELTAPINE 16	5.40	1.15	1.00	37.7	20.6	9.9	77	8.5	87
PAYMASTER 111	5.17	0.98	0.84	40.8	18.9	6.8	75	8.5	86

CH.(IRR), OKLA.

DELTAPINE 16	4.52	1.16	0.99	35.1	18.5	9.0	78	7.8	86
WESTBURN 70	3.96	1.07	0.89	35.0	17.5	7.4	75	4.0	83
COKER 201	4.70	1.14	0.98	38.9	19.2	6.1	77	7.5	86
LOCKETT BXL	4.25	1.14	0.96	37.6	18.6	6.7	75	7.8	85
TAMCOT 788	3.90	1.14	0.93	41.1	22.3	5.7	72	8.5	82
GREGG 35W	4.39	1.01	0.88	38.4	19.5	6.3	74	8.0	88
PAYMASTER 111	4.36	1.08	0.92	36.7	18.8	6.7	75	8.3	86
LOCKETT 4789	4.14	1.07	0.90	36.1	17.6	6.6	75	8.5	84
LANKART 3840	4.78	1.15	0.99	38.9	18.8	6.7	75	7.5	86
ACALA SJ-1	4.46	1.15	0.99	41.2	21.6	6.8	76	7.8	86
PAYMASTER 202	4.44	1.01	0.87	38.2	18.7	6.3	72	7.8	86
LOCKETT 4789A	4.26	1.10	0.94	38.7	19.5	6.8	75	8.3	86
LANKART 57	4.50	1.09	0.93	30.8	16.4	9.4	72	9.3	85
STRIPPER CALA S	4.06	1.07	0.85	41.2	18.5	5.4	74	8.3	80

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•
	•	YIELD	•	BOLL SIZE	•	•	SEED	•	SPAN	•
	•	LB. LINT	•	GRAM. NO.	•	LINT	•	LENGTH	•	22'S
	•	PER ACRE	•	PER. PER	•	PCT.	•	INDEX	•	50 2.5

LUBBOCK (DRY)

COKER 201	320 A	5.05	90	36.7	10.8	.47	1.08	113	12.9
DELTAPINE 16	296 AB	4.84	94	32.6	10.5	.48	1.15	118	13.5
TAMCOT 788	291 AB	5.32	86	35.4	12.0	.45	1.07	109	12.5
WESTBURN 70	280 AB	5.27	87	34.3	11.0	.47	1.11	115	13.2
LOCKETT 8XL	248 ABC	4.91	93	33.6	10.8	.47	1.13	118	13.5
LOCKETT 4789	246 ABC	5.15	91	32.0	11.7	.46	1.08	118	13.5
PAYMASTER 111	238 ABC	6.17	74	34.1	11.8	.48	1.06	110	12.6
STRIPPER CALA S	214 ABC	4.48	105	35.5	9.7	.43	1.01	112	12.8
ACALA SJ-1	207 BC	5.47	83	32.8	12.8	.53	1.17	130	14.9
LANKART 57	203 BC	6.42	71	33.2	14.0	.44	1.05	101	11.6
PAYMASTER 202	191 BC	5.44	83	35.3	11.1	.48	1.08	108	12.4
LANKART 3840	170 C	6.47	71	36.5	13.5	.47	1.07	107	12.2
LOCKETT 4789A	158 C	4.95	92	36.5	11.6	.47	1.12	115	13.2
GREGG 35W	150 C	5.17	88	34.8	13.5	.49	1.08	120	13.8

ALTUS, OKLA.

TAMCOT 788	262 A	6.60	69	33.8	10.5	.51	1.11	136	15.6
DELTAPINE 16	260 A	5.44	84	34.9	10.5	.53	1.14	123	14.2
PAYMASTER 202	228 AB	6.92	66	33.3	12.5	.48	1.00	126	14.5
STRIPPER CALA S	218 AB	5.52	83	31.5	12.0	.46	1.02	119	13.7
WESTBURN 70	213 ABC	6.38	72	31.3	11.0	.51	1.10	115	13.2
LOCKETT 8XL	210 ABC	5.58	82	31.9	10.5	.50	1.06	124	14.2
COKER 201	174 BCD	5.44	84	35.5	10.5	.53	1.11	123	14.1
PAYMASTER 111	153 CDE	6.94	65	33.0	13.0	.49	1.03	122	14.0
LOCKETT 4789A	136 DEF	5.38	85	30.9	11.0	.50	1.07	120	13.8
LOCKETT 4789	133 DEF	5.58	82	30.5	12.0	.49	1.04	117	13.4
LANKART 57	129 DEF	7.54	61	32.3	12.5	.48	1.02	105	12.0
LANKART 3840	122 DEF	6.00	76	33.0	10.5	.51	1.06	122	14.0
GREGG 35W	108 EF	5.58	81	28.9	11.0	.47	0.98	128	14.7
ACALA SJ-1	77 F	5.10	89	28.2	11.0	.50	1.06	132	15.1

CL. (DRY), TEX.

DELTAPINE 16	185 A	5.08	90	38.3	11.2	.49	1.07	120	13.8
LANKART 57	183 A	6.94	66	37.7	14.2	.48	1.00	100	11.5
WESTBURN 70	182 A	6.06	75	39.5	9.9	.46	0.95	92	10.6
LOCKETT 8XL	176 AB	5.93	77	36.4	11.6	.51	1.06	117	13.5
LOCKETT 4789A	164 AB	5.54	83	37.0	11.9	.50	1.06	118	13.5
STRIPPER CALA S	157 AB	5.37	86	33.6	11.5	.45	1.03	110	12.6
ACALA SJ-1	153 AB	5.93	77	36.3	12.6	.50	1.05	139	16.0
LANKART 3840	146 AB	6.20	74	38.0	11.9	.50	1.05	110	12.6
PAYMASTER 111	143 AB	5.47	83	37.6	11.3	.45	0.98	110	12.6
TAMCOT 788	140 AB	4.78	95	36.3	11.0	.50	1.07	121	13.9
COKER 201	137 AB	4.53	101	39.0	10.4	.46	1.01	107	12.3
PAYMASTER 202	136 AB	5.99	77	36.9	11.3	.46	0.94	109	12.5
GREGG 35W	133 AB	4.54	100	38.9	11.2	.47	1.00	121	13.8
LOCKETT 4789	122 B	5.51	83	35.1	10.9	.46	1.02	113	13.0

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			COLORI-METER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	

LUBBOCK (DRY)

COKER 201	3.70	1.14	0.93	34.8	18.0	9.0	77	8.5	82
DELTAPINE 16	3.16	1.17	0.94	34.3	17.8	10.6	79	8.0	80
TAMCOT 788	3.14	1.13	0.96	32.3	17.7	9.3	80	8.0	85
WESTBURN 70	3.04	1.14	0.95	35.8	20.2	8.7	76	8.3	84
LOCKETT BXL	3.40	1.19	0.95	35.5	19.0	9.2	78	7.8	80
LOCKETT 4789	3.03	1.13	0.90	35.6	19.2	8.7	79	8.0	80
PAYMASTER 111	3.99	1.07	0.87	35.7	18.0	9.1	75	9.0	81
STRIPPER CALA S	3.11	1.03	0.83	34.9	18.9	8.7	77	8.3	81
ACALA SJ-1	3.71	1.21	1.02	37.7	21.6	8.8	75	7.5	84
LANKART 57	3.65	1.10	0.91	31.4	16.1	10.9	77	8.5	83
PAYMASTER 202	3.19	1.08	0.89	32.7	17.7	9.5	77	8.3	83
LANKART 3840	3.76	1.15	0.96	31.0	16.6	9.9	78	8.5	84
LOCKETT 4789A	3.19	1.14	0.92	35.6	18.6	9.1	78	8.0	81
GREGG 35W	3.31	1.12	0.95	36.2	20.3	10.1	76	8.8	85

ALTUS, OKLA.

TAMCOT 788	4.26	1.16	0.99	43.0	22.4	5.9	77	7.3	86
DELTAPINE 16	4.15	1.19	1.03	34.8	19.4	10.2	77	7.5	87
PAYMASTER 202	4.50	1.04	0.91	39.3	20.1	7.7	75	7.8	88
STRIPPER CALA S	4.15	1.10	0.93	39.8	19.1	6.9	75	7.5	85
WESTBURN 70	3.86	1.15	1.00	34.7	18.3	9.5	74	7.5	88
LOCKETT BXL	3.89	1.12	0.99	36.7	19.7	8.5	75	8.0	89
COKER 201	4.47	1.15	0.99	37.5	19.2	7.8	77	8.0	87
PAYMASTER 111	4.32	1.09	0.96	37.3	19.8	7.9	75	8.0	89
LOCKETT 4789A	3.80	1.13	0.99	36.1	20.1	8.5	73	8.0	88
LOCKETT 4789	4.05	1.10	0.96	36.3	18.8	7.8	74	8.0	88
LANKART 57	4.47	1.09	0.96	30.7	16.5	10.2	75	8.3	89
LANKART 3840	4.22	1.14	1.00	38.3	19.3	7.3	74	7.8	88
GREGG 35W	3.82	1.05	0.93	39.6	20.5	7.8	74	7.8	89
ACALA SJ-1	3.74	1.14	1.01	39.2	21.9	7.9	74	9.3	89

CL.(DRY), TEX.

DELTAPINE 16	4.88	1.14	0.99	37.0	20.7	9.8	74	7.8	87
LANKART 57	4.95	1.05	0.91	33.6	16.9	10.2	70	8.3	88
WESTBURN 70	4.50	0.95	0.80	40.9	17.0	7.0	73	8.0	84
LOCKETT BXL	4.61	1.08	0.92	39.3	20.5	8.0	70	7.5	85
LOCKETT 4789A	4.61	1.06	0.92	39.5	20.1	8.0	71	7.5	87
STRIPPER CALA S	4.19	1.04	0.86	41.9	18.9	6.7	70	8.0	83
ACALA SJ-1	4.71	1.14	0.99	42.9	23.8	7.2	72	7.5	87
LANKART 3840	5.22	1.09	0.93	39.1	20.2	7.4	71	7.8	85
PAYMASTER 111	5.05	1.02	0.87	41.2	18.8	6.7	70	7.8	85
TAMCOT 788	4.03	1.07	0.88	44.3	21.8	6.1	71	8.0	82
COKER 201	5.04	1.04	0.88	41.1	18.9	6.6	71	8.3	85
PAYMASTER 202	4.81	0.96	0.83	40.7	20.0	7.1	71	8.0	87
GREGG 35W	4.29	1.04	0.88	40.8	22.0	7.8	70	7.5	85
LOCKETT 4789	4.69	1.06	0.90	38.1	19.8	7.6	71	8.0	85

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	• YIELD	• BOLL SIZE	• LINT	• SEED	• SPAN	• 22'S	• YT
	• LB. LINT	• GRAM. NO.	• PER . PER . PCT.	• INDEX	• LENGTH	• 50 2.5	
	• PER ACRE	• BOLL. LB.	•	•	• PCT PCT	•	•

MCGREGOR, TEX.

LANKART 3840	5.53	83	36.4	12.5	.50	1.09	108	12.4
ACALA SJ-1	4.56	100	36.0	13.1	.51	1.12	122	14.0
PAYMASTER 111	5.66	81	35.5	12.6	.43	0.99	103	11.8
COKER 201	3.93	116	38.5	10.9	.49	1.09	104	11.9
LOCKETT 4789	5.07	90	36.7	13.0	.52	1.09	108	12.4
LANKART 57	6.68	68	37.2	14.1	.49	1.08	92	10.6
TAMCOT 788	5.57	82	34.7	12.1	.46	1.03	118	13.6
WESTBURN 70	5.31	86	38.0	11.9	.46	1.03	101	11.6
LOCKETT BXL	5.55	82	36.2	12.9	.53	1.13	110	12.7
LOCKETT 4789A	5.13	89	36.2	12.6	.50	1.08	107	12.2
DELTAPINE 16	4.96	92	36.5	12.0	.48	1.09	109	12.5
PAYMASTER 202	5.78	79	34.9	13.0	.47	1.00	108	12.4
STRIPPER CALA S	4.93	94	34.0	11.8	.46	1.06	111	12.7
GREGG 35W	4.56	100	37.9	12.6	.45	0.99	108	12.4

1971 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	MICRO- NAIRE	DRAWING SLIVER		STELOMETER			COLORI- METER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	

MCGREGOR, TEX.

LANKART 3840	4.81	1.13	0.95	35.9	18.4	7.3	62	7.8	85
ACALA SJ-1	4.47	1.16	0.99	36.6	21.1	7.4	62	7.0	85
PAYMASTER 111	5.28	1.04	0.88	38.4	18.6	7.6	65	7.8	85
COKER 201	4.62	1.13	0.95	33.1	17.4	7.6	64	7.3	84
LOCKETT 4789	4.63	1.12	0.98	34.6	18.5	7.4	65	7.5	88
LANKART 57	4.56	1.09	0.93	29.0	15.5	9.7	64	8.5	85
TAMCOT 788	4.47	1.09	0.91	41.4	20.7	6.1	64	8.0	84
WESTBURN 70	4.33	1.06	0.90	34.8	18.0	8.2	66	7.3	86
LOCKETT BXL	4.81	1.14	0.98	35.9	18.3	7.3	64	7.5	87
LOCKETT 4789A	4.70	1.10	0.96	36.6	19.0	7.4	65	8.3	88
DELTAPINE 16	5.15	1.16	1.00	31.9	18.8	9.4	67	6.8	86
PAYMASTER 202	4.72	1.01	0.87	37.3	19.3	6.9	65	7.5	86
STRIPPER CALA S	4.12	1.09	0.91	39.8	19.9	6.5	64	8.0	84
GREGG 35W	4.58	1.03	0.87	34.9	19.3	8.8	63	7.8	85

1971 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM. NO. PER BOLL.	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 2.5 PCT PCT	22'S	YT
DELTAPINE 16	790 A	5.45	84	36.0	11.3	.51 1.15	114	13.1
ARIZONA 6401	726 AB	5.25	88	37.7	11.9	.52 1.12	126	14.5
COKER 201	720 AB	5.42	85	37.9	11.4	.52 1.11	114	13.1
CALIF. S-S32	712 AB	5.69	81	34.9	12.2	.52 1.14	131	15.1
T 1307	660 ABC	6.04	76	37.2	13.2	.55 1.12	137	15.8
ACALA 1517V	647 ABC	5.98	78	34.9	13.1	.57 1.22	146	16.8
ACALA 1517-70	642 ABC	5.82	79	34.6	13.5	.54 1.17	147	16.9
S 918845	631 ABC	6.05	76	36.2	14.0	.54 1.15	135	15.5
CALIF. S-913	568 BC	6.25	74	34.8	14.0	.55 1.14	141	16.3
PAYMASTER 111	561 BC	6.23	74	35.7	13.3	.49 1.07	114	13.1
ACALA SJ-1	529 C	6.18	75	34.2	13.9	.54 1.16	135	15.5

SUBREGIONAL SUMMARY COMBINING BRAWLEY, AND PHOENIX

DELTAPINE 16	1300 A	5.23	87	37.1	10.5	.51 1.13	114	13.1
ARIZONA 6401	1294 A	5.55	82	38.7	12.2	.53 1.11	130	14.9
CALIF. S-S32	1226 AB	5.61	81	35.6	12.3	.55 1.14	137	15.8
COKER 201	1157 AB	5.41	84	37.9	11.6	.53 1.11	116	13.3
T 1307	1018 BC	5.83	78	36.8	13.3	.55 1.12	143	16.4
S 918845	908 CD	5.83	78	34.8	14.2	.55 1.16	139	15.9
ACALA 1517-70	884 CD	5.48	83	33.5	13.5	.55 1.17	155	17.8
ACALA 1517V	883 CD	5.85	78	34.3	13.3	.58 1.24	156	17.9
CALIF. S-913	817 CD	6.20	73	34.5	14.1	.55 1.12	147	16.9
PAYMASTER 111	755 D	6.19	73	34.7	13.2	.50 1.06	117	13.4
ACALA SJ-1	746 D	6.08	75	34.7	14.2	.54 1.15	141	16.2

SUBREGIONAL SUMMARY COMBINING ARTESIA, EL PASO AND PAHRUMP

ACALA 1517-70	468 A	6.01	77	35.6	13.3	.56 1.19	141	16.2
ACALA 1517V	463 AB	5.76	81	35.3	12.8	.58 1.23	144	16.5
DELTAPINE 16	455 AB	5.36	86	35.4	11.7	.52 1.17	112	12.9
COKER 201	429 ABC	5.26	88	37.7	10.9	.52 1.12	110	12.7
PAYMASTER 111	416 ABC	6.29	74	36.3	13.3	.50 1.06	111	12.8
T 1307	414 ABC	6.01	76	37.6	13.0	.55 1.11	132	15.1
S 918845	408 ABC	5.89	78	37.5	13.7	.55 1.15	132	15.1
CALIF. S-S32	364 ABC	5.56	83	34.7	12.1	.52 1.14	127	14.6
CALIF. S-913	353 ABC	6.02	77	35.1	13.5	.56 1.15	138	15.8
ACALA SJ-1	347 BC	5.94	78	34.0	13.5	.55 1.18	131	15.1
ARIZONA 6401	333 C	4.87	96	37.1	11.5	.52 1.13	121	13.9

LOCATIONS COMBINING VARIETIES

PHOENIX, ARIZ.	1265 A	5.79	79	34.7	13.4	.56 1.16	135	15.5
BRAWLEY, CAL.	732 B	5.71	80	36.7	12.5	.52 1.12	137	15.7
SHAFTER, CAL.	708 B	6.43	71	35.5	13.4	.49 1.12	132	15.2
ARTESIA, N.MEX.	437 C	6.20	74	35.1	13.3	.57 1.22	128	14.8
EL PASO, TEX.	404 C	6.27	73	38.5	12.8	.54 1.15	128	14.8
PAHRUMP, NEV.	373 C	4.71	97	34.5	11.9	.50 1.08	125	14.3

1971 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF. RATIO
	MICRO- NAIRE	SLIVER UHM	MEAN	TO	T1	E1	METER RD	B	
DELTAPINE 16	4.42	1.17	0.98	39.8	21.5	9.9	78	8.3	84
ARIZONA 6401	4.31	1.16	0.98	43.8	24.2	7.6	76	8.8	84
COKER 201	4.64	1.16	0.96	42.0	21.4	7.6	77	8.7	83
CALIF. S-532	4.10	1.18	1.01	44.5	24.0	8.4	77	8.5	85
T 1307	4.51	1.19	1.05	44.2	26.1	8.0	76	8.7	89
ACALA 1517V	4.02	1.27	1.10	45.8	27.0	7.4	78	8.3	87
ACALA 1517-70	4.17	1.21	1.02	48.4	27.0	6.7	77	8.7	85
S 918845	4.40	1.21	1.05	44.5	25.4	8.0	77	8.5	87
CALIF. S-913	4.43	1.20	1.04	45.3	26.2	7.3	76	8.6	87
PAYMASTER 111	4.53	1.10	0.92	40.9	21.5	7.8	76	8.7	84
ACALA SJ-1	4.09	1.22	1.06	44.1	25.1	7.8	78	8.3	87

SUBREGIONAL SUMMARY COMBINING BRAWLEY, AND PHOENIX

DELTAPINE 16	5.03	1.18	0.99	41.9	22.1	8.4	79	8.0	84
ARIZONA 6401	4.77	1.16	1.00	46.3	25.5	6.9	77	8.8	85
CALIF. S-532	4.58	1.19	1.05	52.6	27.0	8.0	78	8.6	88
COKER 201	5.11	1.16	0.99	45.3	22.1	6.5	78	8.8	85
T 1307	4.72	1.18	1.05	50.2	31.1	7.8	76	8.8	89
S 918845	4.62	1.22	1.07	51.2	30.0	7.9	78	8.5	87
ACALA 1517-70	4.36	1.22	1.06	50.3	28.9	6.2	78	8.5	87
ACALA 1517V	4.18	1.29	1.14	47.9	28.8	6.7	78	8.1	88
CALIF. S-913	4.64	1.19	1.04	47.5	28.8	6.9	77	8.8	88
PAYMASTER 111	4.89	1.11	0.95	43.9	23.0	7.0	76	8.9	86
ACALA SJ-1	4.49	1.21	1.05	46.5	26.7	7.0	78	8.5	87

SUBREGIONAL SUMMARY COMBINING ARTESIA, EL PASO AND PAHRUMP

ACALA 1517-70	4.19	1.22	1.01	48.9	26.7	7.3	78	8.5	83
ACALA 1517V	3.95	1.29	1.12	46.3	27.3	8.2	78	8.2	87
DELTAPINE 16	4.27	1.18	1.00	39.2	21.4	11.5	78	8.2	85
COKER 201	4.52	1.16	0.96	41.0	21.3	8.4	77	8.5	83
PAYMASTER 111	4.39	1.09	0.92	40.4	21.2	8.1	75	8.3	84
T 1307	4.44	1.18	1.05	41.1	23.4	8.5	76	8.6	89
S 918845	4.42	1.21	1.05	41.8	23.2	8.3	77	8.3	87
CALIF. S-532	3.99	1.19	1.01	40.7	22.6	8.9	77	8.3	85
CALIF. S-913	4.52	1.20	1.05	45.0	25.1	7.9	76	8.3	87
ACALA SJ-1	4.01	1.23	1.08	43.6	24.8	8.6	78	8.1	88
ARIZONA 6401	4.19	1.16	0.97	43.1	23.5	8.5	76	8.8	84

LOCATIONS COMBINING VARIETIES

PHOENIX, ARIZ.	4.95	1.22	1.07	50.6	28.3	8.2	78	8.9	88
BRAWLEY, CAL.	4.40	1.16	1.00	44.6	25.2	6.2	77	8.2	85
SHAFTER, CAL.	3.84	1.16	0.97	39.9	22.5	7.0	77	9.1	83
ARTESIA, N.MEX.	4.05	1.27	1.09	35.4	20.2	8.2	77	8.5	86
EL PASO, TEX.	4.35	1.21	1.04	47.9	25.8	9.0	79	8.0	86
PAHRUMP, NEV.	4.39	1.10	0.93	45.2	25.0	8.6	75	8.6	84

1971 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL		BOLL SIZE, NO. PER LB.		LINT PCT.	
CALIF. S-913	6.25 A	ARIZONA 6401	88 A	COKER 201	37.9 A
PAYMASTER 111	6.23 A	COKER 201	85 AB	ARIZONA 6401	37.7 A
ACALA SJ-1	6.18 AB	DELTAPINE 16	84 ABC	T 1307	37.2 AB
S 918845	6.05 ABC	CALIF. S-S32	81 BCD	S 918845	36.2 BC
T 1307	6.04 ABC	ACALA 1517-70	79 CDE	DELTAPINE 16	36.0 BCD
ACALA 1517V	5.98 ABC	ACALA 1517V	78 DE	PAYMASTER 111	35.7 CD
ACALA 1517-70	5.82 BC	T 1307	76 DE	ACALA 1517V	34.9 CDE
CALIF. S-S32	5.69 CD	S 918845	76 DE	CALIF. S-S32	34.9 CDE
DELTAPINE 16	5.45 DE	ACALA SJ-1	75 E	CALIF. S-913	34.8 CDE
COKER 201	5.42 DE	PAYMASTER 111	74 E	ACALA 1517-70	34.6 DE
ARIZONA 6401	5.25 E	CALIF. S-913	74 E	ACALA SJ-1	34.2 E

SEED INDEX		SPAN LENGTH, 50 PCT.		SPAN LENGTH, 2.5 PCT.	
S 918845	14.0 A	ACALA 1517V	0.57 A	ACALA 1517V	1.22 A
CALIF. S-913	14.0 A	CALIF. S-913	0.55 B	ACALA 1517-70	1.17 B
ACALA SJ-1	13.9 AB	T 1307	0.55 B	ACALA SJ-1	1.16 BC
ACALA 1517-70	13.5 ABC	S 918845	0.54 B	DELTAPINE 16	1.15 BC
PAYMASTER 111	13.3 BC	ACALA 1517-70	0.54 B	S 918845	1.15 BC
T 1307	13.2 C	ACALA SJ-1	0.54 B	CALIF. S-S32	1.14 CD
ACALA 1517V	13.1 C	COKER 201	0.52 C	CALIF. S-913	1.14 CD
CALIF. S-S32	12.2 D	CALIF. S-S32	0.52 C	T 1307	1.12 DE
ARIZONA 6401	11.9 DE	ARIZONA 6401	0.52 C	ARIZONA 6401	1.12 DE
COKER 201	11.4 E	DELTAPINE 16	0.51 C	COKER 201	1.11 E
DELTAPINE 16	11.3 E	PAYMASTER 111	0.49 D	PAYMASTER 111	1.07 F

COLORIMETER -B		COLORIMETER -RD		MICRONAIRE	
ARIZONA 6401	8.8 A	ACALA SJ-1	78 A	COKER 201	4.64 A
ACALA 1517-70	8.7 AB	ACALA 1517V	78 A	PAYMASTER 111	4.53 AB
T 1307	8.7 AB	DELTAPINE 16	78 A	T 1307	4.51 AB
PAYMASTER 111	8.7 AB	CALIF. S-S32	77 AB	CALIF. S-913	4.43 ABC
COKER 201	8.7 AB	COKER 201	77 AB	DELTAPINE 16	4.42 ABC
CALIF. S-913	8.6 AB	S 918845	77 AB	S 918845	4.40 ABC
CALIF. S-S32	8.5 AB	ACALA 1517-70	77 AB	ARIZONA 6401	4.31 BCD
S 918845	8.5 AB	ARIZONA 6401	76 B	ACALA 1517-70	4.17 CDE
ACALA SJ-1	8.3 B	T 1307	76 B	CALIF. S-S32	4.10 DE
ACALA 1517V	8.3 B	PAYMASTER 111	76 B	ACALA SJ-1	4.09 DE
DELTAPINE 16	8.3 B	CALIF. S-913	76 B	ACALA 1517V	4.02 E

1971 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

22'S		YARN TENACITY		UNIFORMITY RATIO	
ACALA 1517-70	147 A	ACALA 1517-70	16.9 A	T 1307	89 A
ACALA 1517V	146 A	ACALA 1517V	16.8 AB	S 918845	87 B
CALIF. S-913	141 B	CALIF. S-913	16.3 BC	ACALA SJ-1	87 B
T 1307	137 BC	T 1307	15.8 CD	CALIF. S-913	87 B
S 918845	135 CD	S 918845	15.5 DE	ACALA 1517V	87 B
ACALA SJ-1	135 CD	ACALA SJ-1	15.5 DE	CALIF. S-S32	85 C
CALIF. S-S32	131 D	CALIF. S-S32	15.1 E	ACALA 1517-70	85 C
ARIZONA 6401	126 E	ARIZONA 6401	14.5 F	DELTAPINE 16	84 CD
DELTAPINE 16	114 F	DELTAPINE 16	13.1 G	PAYMASTER 111	84 CD
PAYMASTER 111	114 F	PAYMASTER 111	13.1 G	ARIZONA 6401	84 CD
COKER 201	114 F	COKER 201	13.1 G	COKER 201	83 D

STELOMETER - T0		STELOMETER - T1		STELOMETER - E1	
ACALA 1517-70	48.4 A	ACALA 1517V	27.0 A	DELTAPINE 16	9.9 A
ACALA 1517V	45.8 AB	ACALA 1517-70	27.0 A	CALIF. S-S32	8.4 B
CALIF. S-913	45.3 AB	CALIF. S-913	26.2 AB	S 918845	8.0 BC
CALIF. S-S32	44.5 BC	T 1307	26.1 AB	T 1307	8.0 BC
S 918845	44.5 BC	S 918845	25.4 AB	PAYMASTER 111	7.8 BC
T 1307	44.2 BC	ACALA SJ-1	25.1 AB	ACALA SJ-1	7.8 BC
ACALA SJ-1	44.1 BC	ARIZONA 6401	24.2 B	COKER 201	7.6 C
ARIZONA 6401	43.8 BC	CALIF. S-S32	24.0 B	ARIZONA 6401	7.6 C
COKER 201	42.0 BCD	DELTAPINE 16	21.5 C	ACALA 1517V	7.4 CD
PAYMASTER 111	40.9 CD	PAYMASTER 111	21.5 C	CALIF. S-913	7.3 CD
DELTAPINE 16	39.8 D	COKER 201	21.4 C	ACALA 1517-70	6.7 D

DRAWING SLIVER, UHM

ACALA 1517V	1.27 A
ACALA SJ-1	1.22 B
S 918845	1.21 BC
ACALA 1517-70	1.21 BC
CALIF. S-913	1.20 BCD
T 1307	1.19 BCDE
CALIF. S-S32	1.18 CDE
DELTAPINE 16	1.17 DE
COKER 201	1.16 E
ARIZONA 6401	1.16 E
PAYMASTER 111	1.10 F

DRAWING SLIVER, MEAN

ACALA 1517V	1.10 A
ACALA SJ-1	1.06 B
T 1307	1.05 BC
S 918845	1.05 BC
CALIF. S-913	1.04 BCD
ACALA 1517-70	1.02 CD
CALIF. S-S32	1.01 DE
ARIZONA 6401	0.98 EF
DELTAPINE 16	0.98 EF
COKER 201	0.96 F
PAYMASTER 111	0.92 G

1971 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	LINT	SEED	SPAN	22'S	YT		
	GRAM. NO.	PER LB.	PCT.	INDEX	LENGTH	50 2.5			
	PER ACRE	BOLL LB.			PCT PCT				

SHAFTER, CAL.

DELTAPINE 16	773 A	6.15	74	35.9	11.5	.47	1.11	120	13.8
ARIZONA 6401	771 A	5.80	79	37.4	12.4	.49	1.13	136	15.6
S 918845	746 A	6.95	66	35.2	14.4	.51	1.15	137	15.7
CALIF. S-S32	729 AB	6.25	73	34.2	12.5	.47	1.11	131	15.1
ACALA 1517V	727 AB	6.90	66	34.9	13.8	.50	1.12	135	15.4
COKER 201	721 AB	5.90	77	38.3	12.4	.48	1.10	119	13.7
CALIF. S-913	715 AB	7.05	65	34.4	15.1	.51	1.14	141	16.2
ACALA 1517-70	679 ABC	5.90	77	34.0	13.7	.48	1.11	147	16.9
T 1307	679 ABC	6.55	70	36.8	13.8	.53	1.14	142	16.3
ACALA SJ-1	638 BC	7.10	65	33.9	14.7	.50	1.15	136	15.6
PAYMASTER 111	609 C	6.15	74	35.8	13.4	.46	1.07	114	13.1

BRAWLEY, CAL.

ARIZONA 6401	994 A	5.50	83	39.4	11.6	.50	1.08	129	14.8
CALIF. S-S32	954 AB	5.54	82	36.3	11.6	.52	1.10	134	15.4
DELTAPINE 16	906 AB	5.26	86	38.0	10.2	.51	1.11	113	12.9
COKER 201	868 B	5.54	82	38.5	11.0	.51	1.08	115	13.3
S 918845	746 C	5.61	81	36.4	13.4	.51	1.13	142	16.3
T 1307	667 CD	5.65	81	36.9	12.9	.54	1.10	147	16.8
CALIF. S-913	651 CD	6.05	75	36.1	13.4	.53	1.12	148	17.0
ACALA 1517-70	602 DE	5.63	81	34.5	13.2	.53	1.14	156	17.8
ACALA 1517V	598 DE	5.67	80	34.8	13.2	.56	1.22	160	18.3
ACALA SJ-1	564 DE	5.98	76	36.8	13.5	.53	1.14	142	16.3
PAYMASTER 111	505 E	6.39	71	35.8	13.0	.48	1.05	120	13.8

PHOENIX, ARIZ.

DELTAPINE 16	1694 A	5.19	88	36.2	10.8	.51	1.14	115	13.2
ARIZONA 6401	1593 AB	5.60	81	38.0	12.8	.55	1.13	131	15.0
CALIF. S-S32	1498 BC	5.68	80	34.8	12.9	.57	1.17	140	16.1
COKER 201	1445 CD	5.28	86	37.3	12.2	.55	1.13	117	13.4
T 1307	1369 D	6.02	76	36.7	13.6	.56	1.13	140	16.0
ACALA 1517V	1168 E	6.03	76	33.9	13.4	.61	1.26	152	17.5
ACALA 1517-70	1165 E	5.34	85	32.5	13.8	.56	1.20	155	17.8
S 918845	1070 EF	6.05	75	33.2	15.0	.58	1.18	136	15.6
PAYMASTER 111	1005 FG	5.98	76	33.6	13.3	.52	1.07	114	13.0
CALIF. S-913	983 FG	6.34	72	32.9	14.9	.57	1.13	147	16.9
ACALA SJ-1	928 G	6.18	74	32.5	15.0	.55	1.16	140	16.0

1971 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	MICRO- NAIRE	DRAWING SLIVER UHM MEAN	TO	STELOMETER			COLORI- METER		UNIF. RATIO
				T1	E1	RD	B		

SHAFTER, CAL.

DELTAPINE 16	3.64	1.14	0.91	37.2	20.8	8.2	78	9.0	80
ARIZONA 6401	3.76	1.16	0.96	40.7	23.5	6.2	77	9.3	83
S 918845	3.87	1.18	1.02	39.3	22.7	7.0	76	9.0	87
CALIF. S-S32	3.45	1.14	0.94	39.4	22.0	7.5	77	9.0	83
ACALA 1517V	3.92	1.14	0.95	39.9	22.7	6.7	77	9.0	83
COKER 201	4.06	1.15	0.94	38.0	20.5	7.1	78	9.0	82
CALIF. S-913	3.76	1.19	1.00	41.7	24.2	6.4	76	9.0	84
ACALA 1517-70	3.70	1.16	0.98	43.0	24.1	5.9	76	9.5	85
T 1307	4.31	1.20	1.05	41.6	24.2	7.3	77	9.0	88
ACALA SJ-1	3.50	1.20	1.01	40.8	22.9	6.8	77	8.8	85
PAYMASTER 111	4.20	1.09	0.88	36.5	19.8	8.1	77	9.3	81

BRAWLEY, CAL.

ARIZONA 6401	4.53	1.14	0.95	41.8	22.4	5.7	76	8.5	83
CALIF. S-S32	4.37	1.14	0.98	53.7	25.2	7.4	76	8.3	86
DELTAPINE 16	4.96	1.13	0.95	38.8	19.6	7.0	78	7.5	84
COKER 201	4.82	1.13	0.95	39.7	20.0	5.5	77	8.5	84
S 918845	4.31	1.19	1.03	53.2	31.2	7.0	78	8.0	87
T 1307	4.35	1.18	1.03	48.0	32.7	7.4	77	8.5	88
CALIF. S-913	4.21	1.16	1.00	44.7	26.8	5.6	76	8.5	86
ACALA 1517-70	4.16	1.19	1.02	44.3	26.4	5.3	78	8.0	86
ACALA 1517V	3.91	1.26	1.10	44.6	26.6	5.8	77	7.8	87
ACALA SJ-1	4.14	1.17	1.01	42.0	24.3	5.8	77	8.0	86
PAYMASTER 111	4.59	1.10	0.94	40.1	21.4	5.8	76	8.5	85

PHOENIX, ARIZ.

DELTAPINE 16	5.10	1.22	1.03	45.0	24.5	9.8	80	8.5	84
ARIZONA 6401	5.00	1.19	1.04	50.7	28.5	8.2	78	9.0	88
CALIF. S-S32	4.79	1.25	1.11	51.6	28.8	8.6	79	9.0	89
COKER 201	5.40	1.18	1.02	51.0	24.3	7.5	78	9.0	87
T 1307	5.09	1.18	1.06	52.4	29.6	8.1	76	9.0	90
ACALA 1517V	4.44	1.32	1.17	51.2	30.9	7.6	79	8.5	89
ACALA 1517-70	4.56	1.25	1.09	56.3	31.3	7.1	78	9.0	88
S 918845	4.93	1.26	1.11	49.3	28.7	8.8	79	9.0	88
PAYMASTER 111	5.19	1.12	0.97	47.6	24.5	8.2	77	9.3	87
CALIF. S-913	5.06	1.21	1.08	50.3	30.9	8.1	78	9.0	89
ACALA SJ-1	4.84	1.24	1.08	50.9	29.1	8.2	79	9.0	88

1971 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAM. NO.	LINT	SEED	LENGTH	22'S	YT			
	LB. LINT	PER. PER	PER. PCT.	INDEX	50	2.5					
	PER ACRE	BOLL. LB.			PCT PCT						

EL PASO, TEX.

DELTAPINE 16	556 A	6.04	75	38.3	11.7	.52	1.17	110	12.6
ACALA 1517V	497 AB	6.35	72	38.8	13.5	.58	1.23	143	16.4
ACALA 1517-70	460 BC	6.69	68	37.0	13.5	.57	1.21	142	16.3
T 1307	430 BCD	6.28	73	40.3	12.8	.54	1.10	131	15.0
S 918845	412 BCDE	6.39	71	39.4	13.6	.56	1.16	138	15.8
COKER 201	400 BCDE	5.89	77	40.4	11.2	.51	1.12	110	12.7
ARIZONA 6401	371 CDE	5.70	80	39.0	12.1	.51	1.15	123	14.2
CALIF. S-913	346 DE	6.47	70	37.9	13.5	.54	1.14	139	16.0
ACALA SJ-1	340 DE	6.59	69	37.1	13.4	.55	1.18	135	15.5
PAYMASTER 111	315 E	6.59	69	37.1	13.4	.50	1.08	114	13.0
CALIF. S-S32	314 E	5.97	76	38.1	12.4	.52	1.15	129	14.8

ARTESIA, N.MEX.

PAYMASTER 111	550 A	6.97	66	36.6	13.4	.52	1.11	112	12.8
ACALA 1517-70	539 A	6.50	70	34.9	14.0	.60	1.27	146	16.7
ACALA 1517V	525 AB	6.55	69	35.1	13.8	.62	1.28	148	16.9
COKER 201	500 ABC	5.75	79	38.3	11.5	.55	1.18	111	12.7
T 1307	452 ABCD	6.32	72	37.1	13.7	.58	1.17	131	15.0
CALIF. S-S32	434 BCD	6.05	76	33.4	13.4	.54	1.19	128	14.7
DELTAPINE 16	431 BCD	5.60	81	33.5	11.9	.56	1.26	117	13.4
S 918845	398 CD	6.40	71	35.5	14.4	.58	1.23	131	15.0
CALIF. S-913	372 D	6.72	68	33.4	14.6	.59	1.24	137	15.7
ACALA SJ-1	347 DE	6.25	74	32.5	14.0	.58	1.24	132	15.2
ARIZONA 6401	264 E	5.05	90	35.1	11.0	.57	1.19	122	14.0

PAHRUMP, NEV.

S 918845	415 A	4.88	93	37.5	13.0	.49	1.07	127	14.6
ACALA 1517-70	405 A	4.84	94	34.9	12.5	.50	1.08	135	15.5
COKER 201	387 A	4.15	109	34.5	10.0	.48	1.06	111	12.8
PAYMASTER 111	384 A	5.32	86	35.2	13.0	.47	1.00	109	12.5
DELTAPINE 16	378 A	4.43	103	34.2	11.5	.48	1.08	111	12.6
ACALA 1517V	368 A	4.38	104	32.0	11.0	.54	1.18	141	16.2
ARIZONA 6401	364 A	3.85	119	37.2	11.5	.46	1.04	118	13.5
T 1307	360 A	5.43	84	35.3	12.5	.51	1.06	134	15.3
ACALA SJ-1	354 A	4.99	92	32.3	13.0	.51	1.11	126	14.5
CALIF. S-S32	344 A	4.66	98	32.6	10.5	.49	1.09	125	14.4
CALIF. S-913	341 A	4.88	93	33.9	12.5	.54	1.08	137	15.7

1971 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	MICRO- NAIRE	DRAWING SLIVER UHM	MEAN	TO	STELOMETER T1	EL	COLORI- METER RD	UNIF. B	RATIO

EL PASO, TEX.

DELTAPINE 16	4.48	1.18	1.02	42.0	22.0	12.1	80	8.0	87
ACALA 1517V	4.19	1.30	1.16	50.4	28.8	9.0	80	8.0	90
ACALA 1517-70	4.24	1.25	1.05	53.6	28.3	7.6	80	8.0	84
T 1307	4.40	1.17	1.04	47.5	27.0	9.2	79	8.0	89
S 918845	4.24	1.23	1.06	48.7	26.9	8.7	80	8.5	86
COKER 201	4.58	1.16	0.98	45.7	22.8	8.3	80	8.0	85
ARIZONA 6401	4.19	1.20	1.04	46.9	25.0	8.6	80	7.8	87
CALIF. S-913	4.46	1.21	1.06	50.5	27.5	8.6	78	8.0	87
ACALA SJ-1	4.26	1.24	1.10	48.2	26.5	9.2	80	8.0	89
PAYMASTER 111	4.64	1.12	0.96	45.4	22.5	7.6	75	7.5	86
CALIF. S-S32	4.17	1.20	1.00	47.9	26.2	9.6	79	7.8	84

ARTESIA, N.MEX.

PAYMASTER 111	3.91	1.14	0.96	32.8	17.8	7.5	75	9.0	84
ACALA 1517-70	3.72	1.29	1.07	40.8	22.9	7.0	77	9.0	83
ACALA 1517V	3.81	1.36	1.17	37.1	22.7	7.3	78	8.3	86
COKER 201	4.61	1.23	1.00	32.2	17.6	8.2	77	9.0	82
T 1307	4.36	1.26	1.15	35.8	20.1	8.2	76	8.8	91
CALIF. S-S32	3.84	1.25	1.08	36.3	20.6	9.0	76	8.5	86
DELTAPINE 16	3.86	1.27	1.06	31.0	18.3	10.3	78	8.3	84
S 918845	4.14	1.30	1.15	35.8	20.4	8.3	77	8.3	88
CALIF. S-913	4.41	1.29	1.13	37.6	21.3	7.6	77	8.5	88
ACALA SJ-1	3.71	1.30	1.15	35.2	20.9	7.9	77	8.0	89
ARIZONA 6401	4.13	1.23	1.02	34.3	19.4	8.3	77	8.5	83

PAHRUMP, NEV.

S 918845	4.89	1.10	0.95	40.8	22.3	7.8	75	8.3	86
ACALA 1517-70	4.60	1.11	0.92	52.2	28.8	7.4	76	8.5	83
COKER 201	4.36	1.08	0.89	45.1	23.4	8.7	76	8.5	82
PAYMASTER 111	4.63	1.00	0.83	43.1	23.1	9.2	75	8.5	83
DELTAPINE 16	4.45	1.09	0.90	44.7	23.9	12.0	78	8.3	83
ACALA 1517V	3.85	1.21	1.04	51.3	30.3	8.1	76	8.3	86
ARIZONA 6401	4.26	1.05	0.86	48.1	26.0	8.6	72	10.0	82
T 1307	4.54	1.12	0.97	40.0	23.1	8.0	74	9.0	87
ACALA SJ-1	4.05	1.14	0.98	47.4	27.0	8.8	76	8.3	86
CALIF. S-S32	3.96	1.10	0.94	37.8	20.8	8.2	75	8.5	85
CALIF. S-913	4.68	1.10	0.96	46.8	26.4	7.5	73	8.5	87

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• 22'S	• YF
	• LB. LINT	• PER ACRE	• GRAM. NO.	• PER BOLL.			• LENGTH	• 50 2.5		
S 918845	817	A	7.14	64	35.4	13.9	.51	1.14	139	15.9
CALIF. S-913	781	AB	7.17	64	34.7	14.0	.52	1.14	142	16.3
DELTAPINE 16	756	BC	6.07	75	35.7	11.3	.47	1.13	118	13.4
ACALA4-42-1958E	743	BC	8.04	57	36.8	13.9	.50	1.11	139	15.9
ACALA SJ-1	738	BC	7.26	63	34.4	14.2	.51	1.15	138	15.9
ACALA 4-42-1966	711	C	8.14	56	36.3	13.9	.51	1.12	141	16.2

SUBREGIONAL SUMMARY COMBINING KERN LAKE, TULARE, COALINGA AND DOS PALOS

S 918845	891	A	7.37	62	35.0	14.2	.52	1.16	141	16.1
COKER 201	881	AB	6.18	74	38.6	11.6	.47	1.10	118	13.4
CALIF. S-918	851	AB	7.14	65	35.5	13.4	.51	1.14	138	15.8
CALIF. S-913	849	AB	7.17	64	34.9	13.8	.52	1.15	143	16.4
ACALA4-42-1958E	841	AB	8.21	56	37.0	13.9	.50	1.11	139	16.0
CALIF. S-845	825	AB	7.36	62	34.8	14.2	.53	1.18	139	16.0
DELTAPINE 16	820	AB	6.22	73	35.6	11.8	.47	1.14	119	13.6
ACALA SJ-1	784	AB	7.43	62	34.4	14.5	.52	1.16	140	16.1
ACALA 4-42-1966	765	AB	8.26	55	36.1	13.9	.52	1.13	143	16.4
PAYMASTER 111	757	B	7.25	63	35.2	12.3	.46	1.05	118	13.6

LOCATIONS COMBINING VARIETIES

KERN LAKE, CAL.	945	A	7.35	63	35.2	14.1	.50	1.14	137	15.8
COALINGA, CAL.	936	A	8.24	56	35.2	13.9	.51	1.14	130	14.9
WASCO, CAL.	877	B	7.11	65	34.8	13.5	.50	1.13	130	15.0
KERMAN, CAL.	837	BC	7.15	64	35.8	13.4	.51	1.14	137	15.7
TULARE, CAL.	800	CD	7.45	62	36.7	13.6	.51	1.15	138	15.8
VISALIA, CAL.	760	D	7.10	65	36.3	13.0	.49	1.12	137	15.7
WOODVILLE, CAL.	665	E	6.97	66	36.5	12.9	.48	1.10	134	15.1
HANFORD, CAL.	662	E	7.57	61	35.0	14.1	.50	1.14	135	15.6
DOS PALOS, CAL.	619	E	6.76	68	34.9	13.1	.51	1.14	144	16.6
CHOWCHILLA, CAL.	477	F	7.35	62	35.1	13.5	.50	1.12	138	15.7

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO- NAIRE	DRAWING SLIVER UHM . MEAN	STELOMETER TO . T1 . E1	COLORI- METER RD . B	UNIF. RATIO				
S 918845	4.30	1.21	1.06	41.7	23.1	7.0	77	8.3	87
CALIF. S-913	4.44	1.21	1.06	43.5	23.8	6.5	77	8.3	87
DELTAPINE 16	3.99	1.18	0.98	35.7	19.3	9.4	78	8.0	83
ACALA4-42-1958E	4.14	1.17	1.02	40.8	22.4	7.4	77	8.2	87
ACALA SJ-1	4.22	1.21	1.05	42.1	23.0	6.8	76	8.3	86
ACALA 4-42-1966	4.07	1.19	1.04	41.2	23.1	7.5	77	8.3	87

SUBREGIONAL SUMMARY COMBINING KERN LAKE, TULARE, COALINGA AND DOS PALOS

S 918845	4.43	1.23	1.07	41.9	23.2	6.9	77	8.3	87
COKER 201	4.44	1.16	0.97	38.3	19.3	6.9	78	8.2	84
CALIF. S-918	4.59	1.20	1.03	42.7	23.2	6.7	77	8.3	86
CALIF. S-913	4.65	1.22	1.07	44.8	24.2	6.4	77	8.3	87
ACALA4-42-1958E	4.30	1.18	1.04	40.9	22.5	7.2	77	8.2	88
CALIF. S-845	4.22	1.24	1.07	41.0	23.0	7.4	77	8.2	86
DELTAPINE 16	4.10	1.20	1.01	36.1	19.8	9.3	78	8.1	84
ACALA SJ-1	4.38	1.24	1.07	42.4	23.0	6.7	76	8.2	87
ACALA 4-42-1966	4.24	1.21	1.05	41.6	23.5	7.3	77	8.2	87
PAYMASTER 111	4.43	1.09	0.93	38.6	19.4	6.8	77	8.2	85

LOCATIONS COMBINING VARIETIES

KERN LAKE, CAL.	4.67	1.20	1.04	41.5	22.6	7.3	77	7.9	86
COALINGA, CAL.	4.67	1.21	1.06	39.1	21.8	7.7	76	8.4	87
WASCO, CAL.	4.12	1.19	1.03	39.4	21.3	7.9	77	8.4	86
KERMAN, CAL.	4.31	1.19	1.03	40.6	22.4	7.6	78	8.4	86
TULARE, CAL.	4.16	1.22	1.04	42.0	23.1	7.4	79	8.0	85
VISALIA, CAL.	4.03	1.18	1.02	41.5	22.6	7.2	78	8.2	86
WOODVILLE, CAL.	4.11	1.17	1.02	41.0	22.9	7.7	76	8.2	88
HANFORD, CAL.	3.96	1.21	1.03	40.8	22.5	7.2	77	8.0	86
DOS PALOS, CAL.	3.90	1.22	1.07	42.6	23.3	6.9	76	8.5	88
CHOWCHI'A, CAL.	4.01	1.17	1.00	40.0	21.9	7.5	76	8.3	86

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

ACALA 4-42-1966	8.14	A
ACALA4-42-1958E	8.04	A
ACALA SJ-1	7.26	B
CALIF. S-913	7.17	B
S 918845	7.14	B
DELTAPINE 16	6.07	C

BOLL SIZE, NO. PER LB.

DELTAPINE 16	75	A
CALIF. S-913	64	B
S 918845	64	B
ACALA SJ-1	63	B
ACALA4-42-1958E	57	C
ACALA 4-42-1966	56	C

LINT PCT.

ACALA4-42-1958E	36.8	A
ACALA 4-42-1966	36.3	AB
DELTAPINE 16	35.7	BC
S 918845	35.4	CD
CALIF. S-913	34.7	DE
ACALA SJ-1	34.4	E

SEED INDEX

ACALA SJ-1	14.2	A
CALIF. S-913	14.0	A
ACALA4-42-1958E	13.9	A
ACALA 4-42-1966	13.9	A
S 918845	13.9	A
DELTAPINE 16	11.3	B

SPAN LENGTH, 50 PCT.

CALIF. S-913	0.52	A
ACALA 4-42-1966	0.51	AB
S 918845	0.51	AB
ACALA SJ-1	0.51	AB
ACALA4-42-1958E	0.50	B
DELTAPINE 16	0.47	C

SPAN LENGTH, 2.5 PCT.

ACALA SJ-1	1.15	A
CALIF. S-913	1.14	AB
S 918845	1.14	AB
DELTAPINE 16	1.13	BC
ACALA 4-42-1966	1.12	CD
ACALA4-42-1958E	1.11	D

DRAWING SLIVER, UHM

S 918845	1.21	A
CALIF. S-913	1.21	A
ACALA SJ-1	1.21	A
ACALA 4-42-1966	1.19	B
DELTAPINE 16	1.18	BC
ACALA4-42-1958E	1.17	C

DRAWING SLIVER, MEAN

S 918845	1.06	A
CALIF. S-913	1.06	A
ACALA SJ-1	1.05	A
ACALA 4-42-1966	1.04	A
ACALA4-42-1958E	1.02	B
DELTAPINE 16	0.98	C

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO		MICRONAIRE		22'S	
S 918845	87 A	CALIF. S-913	4.44 A	CALIF. S-913	142 A
ACALA4-42-1958E	87 A	S 918845	4.30 B	ACALA 4-42-1966	141 AB
ACALA 4-42-1966	87 A	ACALA SJ-1	4.22 BC	S 918845	139 BC
CALIF. S-913	87 A	ACALA4-42-1958E	4.14 CD	ACALA4-42-1958E	139 BC
ACALA SJ-1	86 A	ACALA 4-42-1966	4.07 DE	ACALA SJ-1	138 C
DELTAPINE 16	83 B	DELTAPINE 16	3.99 E	DELTAPINE 16	118 D

YARN TENACITY

CALIF. S-913	16.3 A
ACALA 4-42-1966	16.2 A
S 918845	15.9 B
S 918845	15.9 B
ACALA SJ-1	15.9 B
ACALA4-42-1958E	15.9 B
DELTAPINE 16	13.4 C

STELOMETER - TC

CALIF. S-913	43.5 A
ACALA SJ-1	42.1 B
S 918845	41.7 BC
ACALA 4-42-1966	41.2 BC
ACALA4-42-1958E	40.8 C
DELTAPINE 16	35.7 D

STELOMETER - T1

CALIF. S-913	23.8 A
S 918845	23.1 B
ACALA 4-42-1966	23.1 B
ACALA SJ-1	23.0 B
ACALA4-42-1958E	22.4 C
DELTAPINE 16	19.3 D

STELOMETER - E1

DELTAPINE 16	9.4 A
ACALA 4-42-1966	7.5 B
ACALA4-42-1958E	7.4 B
S 918845	7.0 C
ACALA SJ-1	6.8 C
CALIF. S-913	6.5 D

COLORIMETER -RD

DELTAPINE 16	78 A
ACALA 4-42-1966	77 B
CALIF. S-913	77 B
ACALA4-42-1958E	77 B
S 918845	77 B
ACALA SJ-1	76 C

COLORIMETER -B

CALIF. S-913	8.3 A
S 918845	8.3 A
ACALA 4-42-1966	8.3 A
ACALA SJ-1	8.3 A
ACALA4-42-1958E	8.2 A
DELTAPINE 16	8.0 B

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
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CHOWCHILLA, CAL.

S 918845	536 A	7.08	64	34.4	14.5	.52	1.14	139	15.9
CALIF. S-913	509 AB	7.56	60	34.7	14.1	.54	1.14	144	16.5
ACALA SJ-1	498 AB	7.08	64	34.3	13.9	.51	1.13	138	15.4
ACALA 4-42-1966	453 BC	8.06	57	35.7	13.8	.51	1.12	143	16.4
ACALA4-42-1958E	444 BC	7.78	59	36.1	13.0	.47	1.08	145	16.2
DELTAPINE 16	420 C	6.54	69	35.5	11.6	.45	1.10	119	13.6

KERMAN, CAL.

DELTAPINE 16	883 A	6.10	75	36.1	11.1	.49	1.13	119	13.7
S 918845	871 A	6.92	66	35.9	13.7	.51	1.14	140	16.0
CALIF. S-913	855 AB	7.10	64	34.6	14.1	.53	1.15	146	16.8
ACALA SJ-1	838 B	7.06	65	34.2	13.9	.50	1.16	137	15.7
ACALA4-42-1958E	807 C	7.84	58	37.4	13.6	.52	1.11	138	15.9
ACALA 4-42-1966	765 D	7.86	58	36.4	13.8	.52	1.12	144	16.1

HANFORD, CAL.

S 918845	725 A	7.18	64	34.9	14.7	.51	1.15	140	16.0
CALIF. S-913	692 AB	7.48	61	34.0	14.5	.52	1.16	143	16.4
DELTAPINE 16	675 AB	5.96	77	35.3	11.5	.43	1.13	114	13.1
ACALA SJ-1	660 ABC	7.76	59	34.7	14.5	.51	1.14	140	16.1
ACALA4-42-1958E	620 BC	8.22	56	35.3	14.5	.50	1.11	134	15.4
ACALA 4-42-1966	600 C	8.80	52	35.5	14.7	.50	1.14	142	16.3

WOODVILLE, CAL.

S 918845	742 A	6.90	66	37.6	13.3	.47	1.09	135	15.5
CALIF. S-913	686 B	6.72	68	35.3	13.8	.49	1.09	141	15.8
DELTAPINE 16	680 B	5.68	80	35.4	10.5	.46	1.12	124	12.8
ACALA SJ-1	657 B	6.92	66	34.8	13.3	.48	1.11	136	15.6
ACALA4-42-1958E	615 C	7.70	59	37.2	13.4	.48	1.08	138	15.9
ACALA 4-42-1966	609 C	7.88	58	38.3	13.4	.47	1.08	133	15.3

WASCO, CAL.

S 918845	979 A	7.10	64	35.9	13.4	.51	1.14	133	15.2
CALIF. S-913	894 B	6.98	66	33.6	14.3	.51	1.14	134	15.4
ACALA SJ-1	875 BC	6.74	68	33.0	13.9	.48	1.12	132	15.7
ACALA4-42-1958E	849 BC	8.04	57	35.9	14.3	.51	1.11	136	15.2
ACALA 4-42-1966	832 C	8.00	57	35.2	14.1	.49	1.10	136	15.6
DELTAPINE 16	831 C	5.82	78	35.1	11.2	.50	1.16	112	12.9

VISALIA, CAL.

DELTAPINE 16	795 A	5.70	80	37.3	10.3	.44	1.09	117	13.4
ACALA 4-42-1966	785 AB	7.76	59	37.4	13.4	.49	1.10	144	16.2
CALIF. S-913	779 ABC	7.18	63	34.9	13.7	.51	1.13	145	16.6
S 918845	754 ABC	6.72	68	35.2	12.8	.49	1.13	142	16.3
ACALA4-42-1958E	728 BC	7.94	58	37.6	14.0	.48	1.12	138	15.9
ACALA SJ-1	719 C	7.28	63	35.2	14.1	.50	1.13	136	15.5

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF.
	MICRO- NAIRE	SLIVER UHM	MEAN	TO	T1	E1	METER RD	B	
CHOWCHIA, CAL.									
S 918845	4.07	1.18	1.04	39.4	22.1	7.1	76	8.0	89
CALIF. S-913	4.29	1.19	1.03	41.8	23.1	6.6	76	8.5	87
ACALA SJ-1	4.10	1.18	1.02	42.0	23.0	6.8	75	8.3	87
ACALA 4-42-1966	3.85	1.16	1.01	40.0	22.7	7.7	76	8.5	87
ACALA4-42-1958E	3.94	1.13	0.98	41.2	21.7	7.4	78	8.0	87
DELTAPINE 16	3.80	1.14	0.92	35.6	19.0	9.3	75	8.5	81
KERMAN, CAL.									
DELTAPINE 16	4.24	1.15	0.95	35.6	18.9	9.5	79	8.3	83
S 918845	4.45	1.22	1.07	40.7	23.1	7.1	79	8.3	88
CALIF. S-913	4.47	1.19	1.05	43.4	23.9	6.3	78	8.5	88
ACALA SJ-1	4.35	1.22	1.04	41.7	23.8	7.1	78	8.5	85
ACALA4-42-1958E	4.20	1.16	1.01	40.9	22.0	7.8	78	8.5	87
ACALA 4-42-1966	4.16	1.19	1.05	41.1	22.7	7.5	79	8.3	89
HANFORD, CAL.									
S 918845	4.12	1.22	1.04	41.9	22.8	6.8	77	8.0	85
CALIF. S-913	4.27	1.23	1.06	43.5	24.8	6.1	77	8.0	86
DELTAPINE 16	3.41	1.16	0.93	36.1	18.8	9.0	79	7.8	81
ACALA SJ-1	4.09	1.23	1.07	41.5	23.2	6.3	78	8.0	88
ACALA4-42-1958E	3.95	1.17	1.02	40.7	22.8	7.2	78	8.0	87
ACALA 4-42-1966	3.91	1.22	1.07	40.9	22.9	7.6	76	8.3	88
WOODVILLE, CAL.									
S 918845	4.45	1.18	1.05	42.8	24.1	7.1	76	8.5	90
CALIF. S-913	4.10	1.18	1.04	41.7	23.7	7.3	77	8.3	89
DELTAPINE 16	3.95	1.16	0.98	35.1	19.3	9.7	75	7.8	85
ACALA SJ-1	4.12	1.17	1.02	42.7	23.5	7.0	75	8.3	87
ACALA4-42-1958E	4.08	1.15	1.01	41.5	23.0	7.3	77	8.3	88
ACALA 4-42-1966	3.93	1.15	1.00	41.9	23.5	7.7	76	8.0	87
WASCO, CAL.									
S 918845	4.26	1.19	1.05	42.8	22.7	7.6	77	8.5	88
CALIF. S-913	4.25	1.18	1.03	40.9	21.7	7.0	75	8.5	87
ACALA SJ-1	4.04	1.20	1.04	40.3	21.4	7.3	77	8.5	87
ACALA4-42-1958E	4.17	1.18	1.00	39.8	21.4	7.6	78	8.3	85
ACALA 4-42-1966	3.85	1.19	1.04	39.4	21.9	8.1	77	8.5	87
DELTAPINE 16	4.11	1.21	1.03	33.3	18.8	9.9	78	8.0	86
VISALIA, CAL.									
DELTAPINE 16	3.95	1.15	0.95	36.1	19.7	9.2	79	7.8	83
ACALA 4-42-1966	4.02	1.19	1.04	42.5	23.1	7.2	78	8.3	87
CALIF. S-913	4.39	1.19	1.06	44.7	24.0	6.2	77	8.3	89
S 918845	3.91	1.18	1.03	41.8	23.1	6.3	78	8.3	88
ACALA4-42-1958E	3.87	1.18	1.02	40.1	22.8	7.5	79	8.0	86
ACALA SJ-1	4.01	1.19	1.02	43.7	22.9	6.8	77	8.5	86

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•
	•	YIELD	•	BOLL SIZE	•	•	•	SPAN	•	•
	•	LB. LINT	•	GRAM. NO.	•	LINT	•	SEED	•	LENGTH
	•	PER ACRE	•	PER. PER	•	PCT.	•	INDEX	•	50 2.5
	•	PER ACRE	•	BOLL LB.	•	•	•	PCT PCT	•	22'S
	•		•		•		•		•	YT

DOS PALOS, CAL.

COKER 201	793	A	5.98	76	37.1	11.2	.49	1.11	125	14.4
ACALA4-42-1958E	728	AB	7.60	60	36.2	13.0	.49	1.10	149	17.0
PAYMASTER 111	701	B	7.18	63	34.3	12.5	.47	1.07	120	13.8
ACALA 4-42-1966	661	BC	7.46	61	37.1	12.8	.51	1.13	151	17.3
S 918845	659	BC	6.54	70	34.5	13.6	.52	1.15	146	16.7
CALIF. S-918	649	BC	5.96	77	35.0	12.9	.53	1.15	144	16.5
CALIF. S-913	597	CD	6.54	70	34.1	13.4	.52	1.15	146	16.7
CALIF. S-845	596	CD	6.58	69	35.0	13.6	.54	1.19	147	16.9
ACALA SJ-1	546	D	6.40	72	33.7	14.0	.51	1.16	146	16.8
DELTAPINE 16	521	D	6.00	76	33.6	12.0	.48	1.17	129	14.8

KERN LAKE, CAL.

CALIF. S-845	1063	A	7.20	63	34.9	14.6	.54	1.18	141	16.3
DELTAPINE 16	1023	AB	5.78	79	35.9	11.9	.47	1.11	114	13.1
S 918845	1019	AB	7.20	63	34.5	14.3	.50	1.14	140	16.1
CALIF. S-918	980	BC	7.14	64	34.8	13.6	.52	1.14	139	16.0
COKER 201	568	BCD	5.72	80	39.1	12.0	.47	1.09	114	13.1
ACALA SJ-1	955	BCD	7.34	62	34.9	14.9	.51	1.16	144	16.4
CALIF. S-913	950	CD	7.40	62	33.9	14.5	.52	1.15	145	16.6
ACALA4-42-1958E	906	D	8.00	57	37.2	14.7	.49	1.11	141	16.2
ACALA 4-42-1966	818	E	8.36	55	34.3	14.6	.51	1.13	143	16.4
PAYMASTER 111	766	E	6.82	66	34.6	12.9	.45	1.04	119	13.7

TULARE, CAL.

S 918845	857	A	7.30	63	37.4	13.9	.51	1.17	143	16.4
CALIF. S-845	826	AB	7.48	60	36.1	14.0	.51	1.16	140	16.1
ACALA4-42-1958E	816	ABC	8.20	56	37.9	13.7	.51	1.12	139	15.9
ACALA SJ-1	801	ABC	7.68	59	35.7	14.3	.51	1.18	139	16.0
CALIF. S-918	793	BC	7.20	63	36.4	13.4	.49	1.12	138	15.9
DELTAPINE 16	788	BC	6.10	75	36.2	11.6	.47	1.14	120	13.8
CALIF. S-913	780	BC	6.92	66	36.4	14.0	.51	1.14	145	16.6
COKER 201	777	BC	6.18	74	39.8	11.7	.47	1.10	124	13.6
ACALA 4-42-1966	759	C	8.48	54	36.7	14.1	.51	1.13	140	16.1
PAYMASTER 111	647	D	7.48	60	35.8	12.1	.47	1.06	120	13.8

COALINGA, CAL.

CALIF. S-913	1068	A	7.84	59	35.3	13.4	.52	1.14	136	15.7
S 918845	1027	A	8.46	54	33.4	14.9	.55	1.17	137	15.1
COKER 201	984	AB	6.84	66	38.3	11.6	.46	1.10	110	12.6
CALIF. S-918	982	AB	8.28	55	35.8	13.9	.53	1.15	130	15.0
DELTAPINE 16	948	AB	7.02	65	36.5	11.7	.45	1.13	112	12.8
PAYMASTER 111	915	AB	7.54	60	36.2	11.8	.46	1.03	113	13.0
ACALA4-42-1958E	915	AB	9.04	51	36.6	14.4	.49	1.09	130	14.9
ACALA SJ-1	833	B	8.32	55	33.1	15.0	.53	1.16	131	15.0
ACALA 4-42-1966	823	B	8.74	52	36.3	14.0	.52	1.14	137	15.7
CALIF. S-845	816	B	8.20	56	33.2	14.6	.53	1.18	130	15.0

1971 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF.
	MICRO-	SLIVER	UHM	TO	TI	EI	METER	B	
	NAIRE	MEAN					RD		RATIO

DOS PALOS, CAL.

COKER 201	4.30	1.17	1.01	39.5	19.2	6.8	77	8.5	87
ACALA4-42-1958E	3.85	1.17	1.04	41.8	23.8	6.9	76	8.5	89
PAYMASTER 111	3.92	1.09	0.94	39.2	19.3	6.5	77	8.5	86
ACALA 4-42-1966	3.84	1.22	1.08	42.0	24.8	7.1	77	8.3	89
S 918845	4.01	1.22	1.06	43.1	23.2	6.2	76	8.5	87
CALIF. S-918	4.26	1.20	1.04	43.5	23.0	6.2	75	8.5	87
CALIF. S-913	4.15	1.20	1.06	46.4	23.6	6.0	76	8.5	88
CALIF. S-845	3.87	1.25	1.11	42.6	23.0	6.5	76	8.3	89
ACALA SJ-1	4.04	1.24	1.09	43.2	23.5	6.3	74	8.5	88
DELTAPINE 16	3.52	1.24	1.07	38.7	20.8	8.7	76	9.0	86

KERN LAKE, CAL.

CALIF. S-845	4.56	1.23	1.02	41.3	23.4	7.4	77	7.8	83
DELTAPINE 16	4.75	1.16	0.97	35.7	19.1	9.8	79	7.5	84
S 918845	4.70	1.22	1.06	42.1	24.0	6.9	77	8.0	87
CALIF. S-918	4.79	1.19	0.98	43.0	25.0	7.0	78	8.0	83
COKER 201	4.94	1.14	0.90	38.7	19.2	6.3	78	8.0	79
ACALA SJ-1	4.54	1.21	1.04	43.5	22.1	6.4	78	8.0	86
CALIF. S-913	4.95	1.23	1.08	43.8	25.2	6.5	76	8.0	88
ACALA4-42-1958E	4.61	1.19	1.04	41.7	22.0	7.0	76	7.8	88
ACALA 4-42-1966	4.47	1.20	1.03	41.8	23.3	6.8	77	8.0	86
PAYMASTER 111	4.84	1.09	0.91	38.3	19.2	6.7	76	8.0	84

TULARE, CAL.

S 918845	4.22	1.24	1.06	43.2	23.5	7.0	79	8.0	86
CALIF. S-845	4.04	1.25	1.08	41.4	23.3	7.6	79	8.0	87
ACALA4-42-1958E	4.15	1.19	1.04	41.4	23.4	7.0	79	8.0	88
ACALA SJ-1	4.20	1.25	1.07	41.2	23.6	6.8	79	8.0	86
CALIF. S-918	4.43	1.20	1.05	42.6	23.4	6.4	78	8.0	88
DELTAPINE 16	3.80	1.19	0.97	36.4	19.6	9.6	81	8.0	82
CALIF. S-913	4.38	1.23	1.05	46.2	24.2	6.3	79	8.3	85
COKER 201	4.08	1.15	0.96	39.5	19.8	6.7	81	7.8	84
ACALA 4-42-1966	4.19	1.20	1.03	43.1	23.8	7.4	79	8.0	86
PAYMASTER 111	4.15	1.10	0.94	40.1	20.0	6.8	79	8.0	85

COALINGA, CAL.

CALIF. S-913	5.14	1.23	1.08	42.9	24.3	6.8	76	8.5	88
S 918845	4.79	1.23	1.08	39.2	22.1	7.5	76	8.5	88
COKER 201	4.42	1.17	1.00	35.5	19.1	7.9	77	8.5	86
CALIF. S-918	4.90	1.21	1.04	41.9	21.9	7.2	76	8.5	87
DELTAPINE 16	4.34	1.20	1.03	33.8	18.8	9.4	79	8.0	86
PAYMASTER 111	4.82	1.09	0.95	37.0	19.1	7.4	76	8.3	87
ACALA4-42-1958E	4.59	1.18	1.04	38.6	20.8	7.8	76	8.5	88
ACALA SJ-1	4.72	1.23	1.07	40.7	22.7	6.9	75	8.3	87
ACALA 4-42-1966	4.46	1.20	1.05	39.2	21.9	7.6	76	8.5	88
CALIF. S-845	4.43	1.25	1.09	38.7	22.6	8.1	76	8.8	87

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		22'S	YT
	LB.	LINT	GRAM.	NC.			LENGTH	2.5		
	PER ACRE	PER BOLL.	PER LB.	PCT.	INDEX	PCT	PCT			
COKER 8103	1030	A	6.39	71	38.7	11.2	.55	1.17	127	14.7
COKER 201	1010	A	6.30	73	39.9	11.1	.52	1.13	114	13.1
COKER 423-70911	1007	A	6.40	72	38.2	11.4	.55	1.17	128	14.7
COKER 310-1901	975	AB	5.98	77	40.9	10.7	.54	1.21	120	13.8
PEE DEE 4381-54	966	AB	6.42	71	38.5	12.4	.53	1.12	121	13.9
STONEVILLE 804	958	ABC	5.98	77	40.1	10.6	.52	1.11	124	14.2
PEEDEE 4381-567	921	BCD	6.45	72	37.6	11.9	.53	1.14	123	14.2
MO. 63-079A	920	BCD	7.12	64	37.0	13.1	.54	1.16	123	14.2
MCNAIR 9416	918	BCD	6.86	67	36.5	11.9	.52	1.10	121	13.9
COKER 8215	913	BCD	5.35	85	40.5	10.1	.56	1.18	126	14.5
CP 820589	901	BCD	6.95	66	37.9	12.7	.54	1.12	129	14.8
PD 8619	893	BCD	6.28	73	38.1	11.5	.56	1.16	132	15.2
DELTAPINE 607	879	CD	5.75	80	37.2	10.6	.54	1.14	126	14.5
CP 828	858	DE	6.25	73	37.6	12.7	.53	1.12	129	14.8
ACALA SJ-1	793	E	7.12	64	36.2	13.6	.54	1.14	128	14.7

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE,
PORTAGEVILLE, JACKSON, AND KELSO

COKER 201	1075 A		6.17	74	39.7	11.5	.52	1.12	114	13.2
COKER 8103	1070 A		6.21	74	38.2	11.6	.55	1.17	127	14.6
COKER 310-1901	1051 AB		5.77	80	41.0	10.9	.52	1.20	120	13.8
COKER 423-70911	1041 AB		6.18	74	37.4	11.8	.54	1.17	129	14.8
PEE DEE 4381-54	1015 ABC		6.15	74	38.2	12.6	.52	1.12	120	13.8
STONEVILLE 804	1011 ABC		5.99	77	39.7	10.8	.51	1.10	124	14.3
MO. 63-079A	987 ABC		6.77	68	37.0	13.5	.53	1.16	123	14.2
PEEDEE 4381-567	981 ABC		6.28	74	37.2	12.3	.52	1.14	125	14.4
MCNAIR 9416	967 ABC		6.66	69	36.3	12.5	.51	1.08	120	13.8
COKER 8215	957 ABC		5.25	87	40.4	10.3	.55	1.18	128	14.7
CP 820589	949 ABC		6.73	68	37.7	13.0	.53	1.12	130	14.9
DELTAPINE 607	921 BCD		5.45	84	37.4	10.7	.53	1.13	125	14.4
PD 8619	921 BCD		6.12	75	38.1	11.8	.56	1.17	135	15.5
CP 828	898 CD		6.04	76	37.9	13.0	.52	1.12	130	14.9
ACALA SJ-1	822 D		6.91	66	36.5	13.9	.54	1.13	132	15.2

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND
BELLE MINA

COKER 8103	983 A		6.62	69	39.3	10.7	.56	1.18	128	14.7
COKER 423-70911	966 AB		6.66	68	39.1	11.0	.56	1.17	126	14.5
COKER 201	933 ABC		6.46	71	40.1	10.7	.53	1.14	113	13.0
PEE DEE 4381-54	908 ABCD		6.74	68	38.9	12.0	.53	1.13	122	14.1
STONEVILLE 804	895 ABCD		5.97	76	40.7	10.4	.53	1.12	123	14.1
COKER 310-1901	884 ABCD		6.24	73	40.9	10.5	.56	1.22	121	13.8
PD 8619	860 BCDE		6.47	71	38.1	11.1	.56	1.16	130	15.0
COKER 8215	860 BCDE		5.57	82	40.6	9.8	.57	1.18	124	14.3
MCNAIR 9416	858 BCDE		7.10	65	36.7	11.2	.54	1.12	122	14.1
PEEDEE 4381-567	850 CDE		6.66	69	38.1	11.4	.54	1.14	121	13.9
CP 820589	843 CDE		7.21	63	38.0	12.3	.55	1.12	128	14.7
MO. 63-079A	840 CDE		7.55	60	37.0	12.7	.55	1.17	123	14.1
DELTAPINE 607	828 CDE		6.11	75	36.9	10.5	.55	1.15	127	14.6
CP 828	809 DE		6.49	70	37.3	12.3	.54	1.12	128	14.7
ACALA SJ-1	759 E		7.37	62	35.9	13.3	.54	1.15	124	14.2

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO- NAIRE	DRAWING SLIVER		STELOMETER			COLORI- METER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	
COKER 8103	4.30	1.24	1.03	37.4	20.3	7.2	73	8.4	84
COKER 201	4.43	1.18	0.97	35.2	18.4	7.6	74	8.3	82
COKER 423-70911	4.27	1.24	1.04	37.5	20.0	7.2	74	8.4	84
COKER 310-1901	4.33	1.27	1.04	35.4	19.2	8.1	74	8.5	82
PEE DEE 4381-54	4.57	1.16	0.97	38.0	19.5	6.9	74	8.4	83
STONEVILLE 804	4.33	1.14	0.94	39.1	20.0	7.2	72	8.5	82
PEEDEE 4381-567	4.18	1.18	0.98	36.7	19.7	7.7	74	8.4	83
MO. 63-079A	4.13	1.22	1.02	34.9	19.1	9.1	72	8.7	84
MCNAIR 9416	4.58	1.15	0.97	37.9	19.3	7.3	74	8.2	84
COKER 8215	4.37	1.24	1.05	35.8	19.9	8.1	73	8.6	85
CP 820589	4.78	1.17	0.98	41.0	21.1	6.5	73	8.3	84
PD 8619	4.42	1.24	1.06	37.0	20.8	8.3	72	8.6	86
DELTAPINE 607	4.42	1.19	1.00	36.8	19.6	8.1	75	8.1	84
CP 828	4.46	1.17	0.98	40.1	21.0	6.9	73	8.2	84
ACALA SJ-1	4.29	1.19	1.00	38.1	20.9	7.8	74	8.4	85

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE,
PORTAGEVILLE, JACKSON, AND KELSO

COKER 201	4.53	1.17	0.97	36.5	18.8	7.4	74	8.0	83
COKER 8103	4.32	1.23	1.02	38.6	20.7	6.8	73	8.2	83
COKER 310-1901	4.31	1.25	1.04	36.3	19.5	7.9	74	8.1	83
COKER 423-70911	4.23	1.23	1.03	38.7	20.3	6.9	74	8.1	84
PEE DEE 4381-54	4.55	1.16	0.95	39.0	19.9	6.5	73	8.2	82
STONEVILLE 804	4.38	1.14	0.94	40.2	20.3	6.8	72	8.2	83
MO. 63-079A	4.19	1.21	1.01	36.3	19.4	8.5	73	8.3	83
PEEDEE 4381-567	4.19	1.18	0.97	38.0	20.3	7.3	74	8.1	83
MCNAIR 9416	4.62	1.13	0.94	39.3	19.2	6.8	73	7.9	84
COKER 8215	4.35	1.24	1.04	37.1	20.3	7.7	72	8.2	85
CP 820589	4.78	1.17	0.98	42.4	21.1	6.2	72	7.9	83
DELTAPINE 607	4.47	1.18	0.98	38.2	19.9	7.6	74	7.8	83
PD 8619	4.47	1.24	1.07	38.2	21.4	8.0	72	8.3	86
CP 828	4.48	1.16	0.97	41.4	21.6	6.4	72	7.8	84
ACALA SJ-1	4.40	1.18	1.00	40.0	21.5	7.5	73	8.2	85

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND
BELLE MINA

COKER 8103	4.28	1.24	1.05	36.0	19.8	7.7	73	8.7	84
COKER 423-70911	4.32	1.24	1.04	36.2	19.5	7.5	74	8.7	84
COKER 201	4.30	1.19	0.97	33.7	18.0	7.8	74	8.8	82
PEE DEE 4381-54	4.59	1.17	0.98	36.8	19.1	7.3	74	8.6	84
STONEVILLE 804	4.28	1.14	0.94	37.9	19.5	7.8	73	8.8	82
COKER 310-1901	4.36	1.29	1.05	34.2	18.9	8.3	74	8.9	82
PD 8619	4.36	1.23	1.05	35.5	20.1	8.6	72	8.9	86
COKER 8215	4.40	1.25	1.06	34.3	19.3	8.6	73	9.0	85
MCNAIR 9416	4.53	1.18	1.01	36.2	19.5	7.9	75	8.5	85
PEEDEE 4381-567	4.17	1.18	0.99	35.1	19.1	8.1	74	8.6	84
CP 820589	4.78	1.18	0.99	39.3	21.0	6.8	74	8.7	85
MO. 63-079A	4.07	1.23	1.04	33.2	18.7	9.8	72	9.0	84
DELTAPINE 607	4.35	1.21	1.03	35.0	19.3	8.6	76	8.4	85
CP 828	4.44	1.18	0.99	38.6	20.3	7.4	73	8.5	84
ACALA SJ-1	4.17	1.19	1.00	35.9	20.1	8.0	75	8.7	84

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM. NO. PER. PER BOLL. LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 2.5 PCT PCT	22'S	YT
BELLE MINA, ALA.	1342 A	7.00	65	39.3	12.4	.54 1.16	122 14.0
COL. STA., TEX.	1196 B	5.91	78	36.4	12.0	.56 1.15	129 14.8
JACKSON, TENN.	1107 C	6.87	66	40.6	11.3	.53 1.10	124 14.3
ST. VILLE, MISS.	999 D	6.17	74	36.9	12.6	.53 1.16	129 14.8
PORT VILLE, MD.	949 DE	6.68	69	38.4	12.7	.50 1.14	116 13.3
FLORENCE, S.C.	947 DE	6.94	66	39.0	11.0	.56 1.16	129 14.8
TIFTON, GA.	886 EF	6.23	74	37.9	10.5	.54 1.12	126 14.5
ST JOSEPH, LA.	841 F	6.14	75	37.9	12.1	.54 1.16	126 14.5
ROHWER, ARK.	774 G	5.30	86	38.9	11.5	.53 1.12	129 14.9
EXPERIMENT, GA.	618 H	6.38	72	38.2	11.5	.55 1.15	122 14.0
ROCKY MT., N.C.	566 H	6.52	70	38.2	11.3	.55 1.16	121 13.9

BOLL SIZE, GRAM PER BOLL

MO. 63-079A	7.12 A
ACALA SJ-1	7.12 A
CP 820589	6.95 A
MCNAIR 9416	6.86 A
PEEDEE 4381-567	6.45 B
PEE DEE 4381-54	6.42 B
COKER 432-70911	6.40 B
COKER 8103	6.39 B
COKER 201	6.30 B
PD 8619	6.28 B
CP 828	6.25 BC
COKER 310-1901	5.98 CD
STONEVILLE 804	5.98 CD
DELTAPINE 607	5.75 D
COKER 8215	5.39 E

BOLL SIZE, NO. PER LB.

COKER 8215	85 A
DELTAPINE 607	80 B
COKER 310-1901	77 B
STONEVILLE 804	77 B
PD 8619	73 C
CP 828	73 C
COKER 201	73 C
COKER 432-70911	72 C
PEEDEE 4381-567	72 C
PEE DEE 4381-54	71 C
COKER 8103	71 C
MCNAIR 9416	67 D
CP 820589	66 D
ACALA SJ-1	64 D
MO. 63-079A	64 D

LINT PCT.

COKER 310-1901	40.9 A
COKER 8215	40.5 AB
STONEVILLE 804	40.1 B
COKER 201	39.9 B
COKER 8103	38.7 C
PEE DEE 4381-54	38.5 CD
COKER 432-70911	38.2 CDE
PD 8619	38.1 CDE
CP 820589	37.9 DE
CP 828	37.6 EF
PEEDEE 4381-567	37.6 EF
DELTAPINE 607	37.2 F
MO. 63-079A	37.0 FG
MCNAIR 9416	36.5 GH
ACALA SJ-1	36.2 H

SEED INDEX

ACALA SJ-1	13.6 A
MO. 63-079A	13.1 B
CP 820589	12.7 C
CP 828	12.7 C
PEE DEE 4381-54	12.4 C
PEEDEE 4381-567	11.9 D
MCNAIR 9416	11.9 D
PD 8619	11.5 E
COKER 432-70911	11.4 EF
COKER 8103	11.2 EF
COKER 201	11.1 F
COKER 310-1901	10.7 G
DELTAPINE 607	10.6 G
STONEVILLE 804	10.6 G
COKER 8215	10.1 H

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	DRAWING SLIVER			STELOMETER			COLORI-METER		UNIF. RATIO
	MICRO-NAIRE	UHM	MEAN	TO	T1	E1	RD	B	
BELLE MINA, ALA.	4.62	1.22	1.02	36.3	19.6	7.4	75	8.9	83
COL. STA., TEX.	4.86	1.21	1.03	38.8	20.5	7.3	69	7.9	85
JACKSON, TENN.	4.51	1.14	0.95	38.5	19.9	7.3	76	8.7	83
ST. VILLE, MISS.	4.55	1.21	1.02	39.8	20.9	6.9	74	8.0	84
PORT VILLE, MD.	3.97	1.18	0.95	36.5	19.2	7.7	71	8.3	81
FLORENCE, S.C.	4.47	1.22	1.03	37.1	20.1	8.0	77	9.2	85
TIFTON, GA.	4.18	1.19	1.01	36.3	19.9	8.0	77	9.3	85
ST JOSEPH, LA.	4.39	1.23	1.03	38.1	20.0	7.1	72	7.3	84
ROHWER, ARK.	4.23	1.18	0.98	40.2	21.2	7.0	75	8.3	83
EXPERIMENT, GA.	4.33	1.21	1.03	35.1	19.1	8.6	70	8.3	85
ROCKY MT., N.C.	4.21	1.19	0.97	34.4	18.8	8.1	70	7.8	82

SPAN LENGTH, 50 PCT.

PD 8619	0.56	A
COKER 8215	0.56	A
COKER 432-70911	0.55	AB
COKER 8103	0.55	AB
COKER 310-1901	0.54	BC
ACALA SJ-1	0.54	BC
MO. 63-079A	0.54	BC
DELTAPINE 607	0.54	BC
CP 820589	0.54	BC
CP 828	0.53	CD
PEE DEE 4381-54	0.53	CD
PEEDEE 4381-567	0.53	CD
COKER 201	0.52	D
STONEVILLE 804	0.52	D
MCNAIR 9416	0.52	D

SPAN LENGTH, 2.5 PCT.

COKER 310-1901	1.21	A
COKER 8215	1.18	B
COKER 432-70911	1.17	BC
COKER 8103	1.17	BC
MO. 63-079A	1.16	C
PD 8619	1.16	C
ACALA SJ-1	1.14	D
PEEDEE 4381-567	1.14	D
DELTAPINE 607	1.14	D
COKER 201	1.13	DE
CP 828	1.12	EF
CP 820589	1.12	EF
PEE DEE 4381-54	1.12	EF
STONEVILLE 804	1.11	FG
MCNAIR 9416	1.10	G

DRAWING SLIVER, UHM

COKER 310-1901	1.27	A
COKER 8103	1.24	B
COKER 432-70911	1.24	B
PD 8619	1.24	B
COKER 8215	1.24	B
MO. 63-079A	1.22	C
ACALA SJ-1	1.19	D
DELTAPINE 607	1.19	D
COKER 201	1.18	DE
PEEDEE 4381-567	1.18	DE
CP 820589	1.17	EF
CP 828	1.17	EF
PEE DEE 4381-54	1.16	FG
MCNAIR 9416	1.15	GH
STONEVILLE 804	1.14	H

DRAWING SLIVER, MEAN

PD 8619	1.06	A
COKER 8215	1.05	AB
COKER 432-70911	1.04	ABC
COKER 310-1901	1.04	ABC
COKER 8103	1.03	BC
MO. 63-079A	1.02	CD
ACALA SJ-1	1.00	DE
DELTAPINE 607	1.00	DE
CP 820589	0.98	E
CP 828	0.98	E
PEEDEE 4381-567	0.98	E
PEE DEE 4381-54	0.97	E
MCNAIR 9416	0.97	E
COKER 201	0.97	E
STONEVILLE 804	0.94	F

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO

PD 8619	86	A
ACALA SJ-1	85	AB
COKER 8215	85	AB
CP 828	84	BC
CP 820589	84	BC
COKER 8103	84	BC
DELTAPINE 607	84	BC
MCNAIR 9416	84	BC
MO. 63-079A	84	BC
COKER 432-70911	84	BC
PEEDEE 4381-567	83	CD
PEE DEE 4381-54	83	CD
COKER 310-1901	82	D
STONEVILLE 804	82	D
COKER 201	82	D

22'S

PD 8619	132	A
CP 828	129	B
CP 820589	129	B
COKER 432-70911	128	BC
ACALA SJ-1	128	BC
COKER 8103	127	BC
DELTAPINE 607	126	CD
COKER 8215	126	CD
STONEVILLE 804	124	DE
PEEDEE 4381-567	123	EF
MO. 63-079A	123	EF
MCNAIR 9416	121	FG
PEE DEE 4381-54	121	FG
COKER 310-1901	120	G
COKER 201	114	H

STELOMETER - T0

CP 820589	41.0	A
CP 828	40.1	B
STONEVILLE 804	39.1	C
ACALA SJ-1	38.1	D
PEE DEE 4381-54	38.0	D
MCNAIR 9416	37.9	DE
COKER 432-70911	37.5	DEF
COKER 8103	37.4	DEF
PD 8619	37.0	EF
DELTAPINE 607	36.8	F
PEEDEE 4381-567	36.7	F
COKER 8215	35.8	G
COKER 310-1901	35.4	G
COKER 201	35.2	G
MO. 63-079A	34.9	G

MICRNAIRE

CP 820589	4.78	A
MCNAIR 9416	4.58	B
PEE DEE 4381-54	4.57	B
CP 828	4.46	BC
COKER 201	4.43	CD
PD 8619	4.42	CDE
DELTAPINE 607	4.42	CDE
COKER 8215	4.37	CDE
COKER 310-1901	4.33	CDE
STONEVILLE 804	4.33	CDE
COKER 8103	4.30	DEF
ACALA SJ-1	4.29	DEF
COKER 432-70911	4.27	EF
PEEDEE 4381-567	4.18	FG
MO. 63-079A	4.13	G

YARN TENACITY

PD 8619	15.2	A
CP 828	14.8	B
CP 820589	14.8	B
COKER 432-70911	14.7	B
COKER 8103	14.7	B
ACALA SJ-1	14.7	B
DELTAPINE 607	14.5	BC
COKER 8215	14.5	BC
PEEDEE 4381-567	14.2	CD
MO. 63-079A	14.2	CD
STONEVILLE 804	14.2	CD
PEE DEE 4381-54	13.9	DE
MCNAIR 9416	13.9	DE
COKER 310-1901	13.8	E
COKER 201	13.1	F

STELOMETER - T1

CP 820589	21.1	A
CP 828	21.0	A
ACALA SJ-1	20.9	A
PD 8619	20.8	A
COKER 8103	20.3	B
COKER 432-70911	20.0	BC
STONEVILLE 804	20.0	BC
COKER 8215	19.9	BC
PEEDEE 4381-567	19.7	CD
DELTAPINE 607	19.6	CDE
PEE DEE 4381-54	19.5	CDE
MCNAIR 9416	19.3	DE
COKER 310-1901	19.2	DE
MO. 63-079A	19.1	E
COKER 201	18.4	F

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

COLORIMETER -RD			COLORIMETER -B		
DELTAPINE 607	75	A	MO. 63-079A	8.7	A
MCNAIR 9416	74	B	PD 8619	8.6	AB
ACALA SJ-1	74	B	COKER 8215	8.6	AB
COKER 201	74	B	COKER 310-1901	8.5	ABC
PEE DEE 4381-54	74	B	STONEVILLE 804	8.5	ABC
PEEDEE 4381-567	74	B	COKER 8103	8.4	BCD
COKER 432-70911	74	B	COKER 432-70911	8.4	BCD
COKER 310-1901	74	B	ACALA SJ-1	8.4	BCD
COKER 8215	73	C	PEE DEE 4381-54	8.4	BCD
CP 820589	73	C	PEEDEE 4381-567	8.4	BCD
CP 828	73	C	CP 820589	8.3	CDE
COKER 8103	73	C	COKER 201	8.3	CDE
MO. 63-079A	72	D	CP 828	8.2	DE
PD 8619	72	D	MCNAIR 9416	8.2	DE
STONEVILLE 804	72	D	DELTAPINE 607	8.1	E

STELOMETER - E1

MO. 63-079A	9.1	A
PD 8619	8.3	B
COKER 8215	8.1	BC
COKER 310-1901	8.1	BC
DELTAPINE 607	8.1	BC
ACALA SJ-1	7.8	CD
PEEDEE 4381-567	7.7	D
COKER 201	7.6	DE
MCNAIR 9416	7.3	EF
STONEVILLE 804	7.2	FG
COKER 432-70911	7.2	FG
COKER 8103	7.2	FG
PEE DEE 4381-54	6.9	G
CP 828	6.9	G
CP 820589	6.5	H

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	LINT	SEED	SPAN	LENGTH	22'S	YT		
	LB. LINT	GRAM. NO.	PCT.	INDEX	50	2.5				
	PER ACRE	PER BOLL	PER		PCT	PCT				

COL. STA., TEX.

COKER 201	1460	A	5.71	80	37.1	11.3	.53	1.11	117	13.4
COKER 8103	1434	A	5.94	77	36.1	11.4	.57	1.20	128	14.7
COKER 423-70911	1383	AB	5.90	77	34.7	12.4	.58	1.20	134	15.4
STONEVILLE 804	1309	ABC	7.21	63	39.4	10.0	.52	1.11	127	14.5
MO. 63-079A	1256	ABC	6.35	72	35.9	13.1	.52	1.11	125	14.3
COKER 310-1901	1254	ABC	5.13	89	38.4	11.0	.55	1.19	124	14.3
COKER 8215	1183	ABC	5.55	82	37.7	10.4	.58	1.19	129	14.8
PEEDEE 4381-567	1183	ABC	4.95	93	35.8	12.0	.57	1.18	129	14.8
PD 8619	1179	ABC	6.40	71	36.9	11.2	.57	1.18	134	15.4
DELTAPINE 607	1136	BC	5.16	88	36.0	10.1	.55	1.14	129	14.7
CP 820589	1102	BC	6.99	65	36.8	13.5	.54	1.12	133	15.2
PEE DEE 4381-54	1087	C	5.67	80	36.0	12.3	.55	1.15	127	14.6
MCNAIR 9416	1080	C	6.09	75	34.3	12.9	.54	1.12	124	14.2
CP 828	1074	C	5.47	83	36.5	12.8	.55	1.10	139	15.9
ACALA SJ-1	813	D	6.14	74	33.6	14.6	.59	1.16	139	15.9

ST JOSEPH, LA.

COKER 201	1038	A	6.24	73	40.3	11.4	.50	1.13	115	13.2
COKER 423-70911	997	AB	5.81	78	36.9	11.8	.53	1.17	128	14.6
ACALA SJ-1	929	ABC	7.24	63	36.4	13.7	.55	1.15	131	15.0
COKER 8103	928	ABC	6.20	73	36.9	11.6	.56	1.19	129	14.8
MCNAIR 9416	922	ABC	6.53	70	36.6	12.4	.52	1.11	116	13.2
COKER 310-1901	876	BCD	5.47	83	40.0	10.8	.53	1.22	122	14.0
PEEDEE 4381-567	861	BCD	6.87	66	36.7	12.1	.52	1.13	124	14.2
PEE DEE 4381-54	848	BCDE	6.45	70	37.5	13.0	.52	1.12	124	14.2
MO. 63-079A	799	CDEF	6.44	71	36.9	13.9	.55	1.19	127	14.6
COKER 8215	784	CDEF	5.29	86	40.5	10.8	.55	1.19	127	14.6
STONEVILLE 804	779	CDEF	6.03	76	39.3	10.8	.51	1.12	127	14.6
CP 828	758	DEF	6.23	73	37.7	13.1	.53	1.12	126	14.4
DELTAPINE 607	730	DEF	5.10	89	37.0	10.7	.52	1.15	128	14.6
PD 8619	692	EF	5.92	77	37.9	11.7	.59	1.19	133	15.3
CP 820589	677	F	6.19	74	37.0	13.1	.54	1.14	133	15.3

ST'VILLE, MISS.

PEE DEE 4381-54	1175	A	6.16	74	37.5	13.0	.51	1.15	120	13.8
COKER 8103	1172	A	6.45	70	37.4	12.3	.54	1.18	128	14.6
MCNAIR 9416	1140	AB	6.76	67	35.5	12.6	.49	1.08	121	13.9
STONEVILLE 804	1107	ABC	5.76	79	38.1	11.3	.48	1.10	128	14.6
DELTAPINE 607	1061	BC	5.91	77	36.7	11.6	.53	1.16	130	14.9
COKER 423-70911	1042	BC	6.49	70	36.3	12.5	.54	1.20	134	15.4
COKER 310-1901	1042	BC	5.96	76	39.1	11.8	.53	1.24	127	14.6
PD 8619	1019	C	6.21	73	36.5	12.4	.57	1.21	144	16.5
MO. 63-079A	1010	C	6.94	66	35.1	14.0	.55	1.19	123	14.1
PEEDEE 4381-567	1009	C	6.18	74	35.6	13.3	.52	1.15	124	14.2
COKER 201	999	C	6.08	75	38.5	12.0	.51	1.15	118	13.5
CP 820589	894	D	6.57	69	36.5	13.2	.50	1.12	130	14.9
COKER 8215	827	DE	4.88	93	38.5	10.7	.55	1.22	133	15.3
ACALA SJ-1	748	E	6.36	71	36.2	14.0	.55	1.13	140	16.0
CP 828	739	E	5.84	78	36.3	13.5	.54	1.15	137	15.7

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF.
	MICRO-	SLIVER		TO	TL	EL	METER	B	
	NAIRE	UHM	MEAN				RO		RATIO

COL. STA., TEX.

COKER 201	5.00	1.16	0.97	37.3	19.2	7.1	71	8.0	84
COKER 8103	4.63	1.26	1.06	38.0	20.1	7.0	69	8.0	85
COKER 423-70911	4.60	1.27	1.07	39.1	20.1	7.1	70	7.8	84
STONEVILLE 804	4.80	1.15	0.94	41.0	20.9	6.6	69	8.0	82
MO. 63-079A	5.10	1.19	1.03	37.3	19.9	7.6	69	8.0	86
COKER 310-1901	4.92	1.26	1.09	36.2	19.0	8.1	70	8.0	87
COKER 8215	4.70	1.27	1.10	35.9	20.1	7.6	66	8.0	87
PEEDEE 4381-567	4.60	1.20	1.01	37.1	20.0	8.3	69	7.8	84
PD 8619	4.76	1.26	1.08	36.9	20.3	8.3	68	8.0	86
DELTAPINE 607	4.80	1.19	0.97	39.6	20.3	7.5	70	7.3	82
CP 820589	5.30	1.15	0.97	42.5	21.9	6.3	68	7.8	84
PEE DEE 4381-54	4.72	1.21	1.03	38.9	20.2	6.7	69	8.0	86
MCNAIR 9416	4.97	1.19	1.03	36.6	18.9	8.2	69	8.0	87
CP 828	5.10	1.16	0.99	43.9	23.1	6.1	70	7.5	86
ACALA SJ-1	4.86	1.22	1.06	41.0	22.6	7.2	67	8.0	87

ST JOSEPH, LA.

COKER 201	4.37	1.20	1.00	34.6	18.3	7.4	74	6.8	84
COKER 423-70911	4.21	1.25	1.04	38.4	20.8	6.6	72	7.3	84
ACALA SJ-1	4.33	1.23	1.04	38.6	20.8	7.6	75	7.8	85
COKER 8103	4.19	1.27	1.06	37.8	21.2	6.7	73	7.8	84
MCNAIR 9416	4.54	1.14	0.94	38.8	18.1	6.5	70	6.5	83
COKER 310-1901	4.25	1.28	1.05	35.8	19.7	7.7	75	7.5	82
PEEDEE 4381-567	4.14	1.22	1.05	37.8	20.2	6.8	74	7.8	86
PEE DEE 4381-54	4.50	1.19	0.93	38.8	19.7	6.4	74	7.3	79
MO. 63-079A	4.16	1.25	1.03	35.3	19.2	8.2	71	7.5	83
COKER 8215	4.44	1.27	1.08	37.3	20.3	7.3	72	7.3	85
STONEVILLE 804	4.27	1.18	1.01	40.8	19.4	7.0	71	7.3	86
CP 828	4.49	1.19	1.03	39.5	20.8	6.8	71	7.0	86
DELTAPINE 607	4.54	1.24	1.05	37.5	19.5	7.6	74	7.5	85
PD 8619	4.62	1.25	1.07	37.9	20.8	7.9	71	7.5	86
CP 820589	4.74	1.23	1.05	43.0	21.3	6.0	72	7.0	86

ST'VILLE, MISS.

PEE DEE 4381-54	4.75	1.15	0.94	39.9	20.4	6.0	73	8.0	82
COKER 8103	4.54	1.24	1.01	41.3	21.0	6.3	74	8.0	82
MCNAIR 9416	4.97	1.14	0.95	39.6	19.9	6.3	74	8.0	84
STONEVILLE 804	4.67	1.16	0.93	40.0	20.9	6.6	74	8.5	81
DELTAPINE 607	4.70	1.21	1.02	39.6	20.6	7.2	77	7.5	84
COKER 423-70911	4.35	1.27	1.09	40.1	20.6	6.6	75	8.0	86
COKER 310-1901	4.38	1.31	1.12	36.9	20.4	7.3	76	8.0	86
PD 8619	4.62	1.29	1.12	39.0	22.1	7.3	74	8.0	87
MO. 63-079A	4.30	1.24	1.04	36.6	19.7	8.3	74	8.5	85
PEEDEE 4381-567	4.37	1.19	1.00	38.2	20.7	7.0	75	7.8	84
COKER 201	4.69	1.19	0.99	38.2	19.2	6.8	76	8.0	83
CP 820589	4.85	1.16	0.96	43.2	21.9	6.0	75	8.3	83
COKER 8215	4.25	1.26	1.07	39.2	20.9	7.3	74	8.0	85
ACALA SJ-1	4.32	1.18	1.05	42.2	22.0	7.6	75	8.3	89
CP 828	4.42	1.19	1.00	43.1	22.5	6.1	73	7.8	85

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	.	YIELD	.	BOLL SIZE	.	GRAM. NO.	.	LINT	.	SEED	.	SPAN	.	LENGTH	.	22'S	.	YT
		LB. LINT		PER		PER		PCT.		INDEX		50		2.5				
		PER ACRE		BOLL.		LB.						PCT		PCT				

ROHWER, ARK.

COKER 310-1901	895 A	4.92	93	42.5	9.9	.49	1.16	120	13.8
PEE DEE 4381-54	857 AB	5.38	85	39.4	11.8	.52	1.11	123	14.1
COKER 8103	831 AB	5.27	86	39.2	11.0	.56	1.16	133	15.3
COKER 8215	808 ABC	4.32	105.	41.6	9.3	.54	1.15	135	15.4
COKER 201	803 ABC	5.51	83	39.6	11.4	.52	1.10	119	13.6
MCNAIR 9416	801 ABC	5.70	80	35.9	12.8	.49	1.05	127	14.6
MO. 63-079A	800 ABC	5.71	80	37.8	12.9	.55	1.18	130	14.9
COKER 423-70911	795 ABCD	5.13	89	37.8	10.8	.55	1.16	131	15.0
DELTAPINE 607	775 BCDE	4.85	93	38.8	10.1	.50	1.09	126	14.4
CP 820589	763 BCDE	6.01	76	37.9	12.3	.53	1.11	130	14.9
PEEDEE 4381-567	722 CDEF	5.40	84	37.9	11.6	.52	1.11	132	15.2
CP 828	722 CDEF	5.37	85	38.0	12.5	.52	1.11	133	15.2
STONEVILLE 804	698 DEF	4.69	97	41.0	10.6	.51	1.07	126	14.4
PD 8619	683 EF	4.96	92	38.4	11.7	.56	1.17	141	16.2
ACALA SJ-1	655 F	6.21	74	37.9	13.0	.52	1.09	136	15.6

PORTVILLE, MO.

CP 820589	1114 A	7.15	64	38.6	13.4	.52	1.15	121	13.9
COKER 310-1901	1062 AB	6.25	73	42.0	11.2	.48	1.19	109	12.5
MO. 63-079A	1031 ABC	7.50	61	37.3	14.4	.49	1.16	116	13.3
COKER 201	1018 ABCD	6.45	71	40.6	12.0	.50	1.14	108	12.4
PEEDEE 4381-567	994 ABCDE	7.50	61	37.4	13.4	.47	1.13	115	13.3
STONEVILLE 804	991 ABCDE	6.15	74	38.8	11.6	.50	1.13	117	13.4
CP 828	985 BCDE	6.80	67	38.7	13.8	.48	1.13	119	13.7
PEE DEE 4381-54	983 BCDE	6.55	70	38.2	13.4	.47	1.11	105	12.0
COKER 8215	936 BCDE	5.65	81	40.5	10.9	.52	1.17	116	13.3
COKER 8103	910 CDE	6.60	69	39.0	12.3	.50	1.16	123	14.1
COKER 423-70911	903 DE	6.80	67	38.2	12.0	.50	1.16	119	13.7
PD 8619	894 DE	6.45	71	37.4	12.9	.53	1.16	123	14.0
MCNAIR 9416	871 EF	7.50	60	36.7	13.0	.50	1.09	113	13.0
DELTAPINE 607	773 F	5.35	85	36.1	11.1	.49	1.13	118	13.5
ACALA SJ-1	770 F	7.50	61	36.0	14.7	.50	1.13	117	13.3

JACKSON, TENN.

COKER 8215	1201 A	5.80	78	43.3	9.4	.56	1.13	127	14.5
STONEVILLE 804	1181 AB	6.12	74	41.6	10.4	.51	1.06	123	14.1
COKER 310-1901	1178 AB	6.85	67	44.0	10.5	.55	1.17	120	13.7
CP 820589	1142 ABC	7.47	61	39.3	12.3	.54	1.09	132	15.1
COKER 8103	1142 ABC	6.76	67	40.8	11.0	.53	1.09	125	14.3
PEE DEE 4381-54	1142 ABC	6.68	68	40.5	12.2	.53	1.08	120	13.8
COKER 201	1129 ABCD	7.00	65	42.2	10.8	.53	1.11	112	12.8
COKER 423-70911	1126 ABCD	6.95	66	40.5	11.0	.54	1.13	128	14.7
PEEDEE 4381-567	1114 BCD	6.76	67	39.4	11.6	.52	1.09	127	14.5
CP 828	1110 BCD	6.51	70	40.2	12.0	.50	1.07	125	14.3
PD 8619	1060 CDE	6.79	67	41.1	10.7	.53	1.09	133	15.3
DELTAPINE 607	1052 DE	6.33	72	39.9	10.5	.54	1.10	122	14.0
MO. 63-079A	1024 E	7.65	59	39.0	12.5	.52	1.11	120	13.8
ACALA SJ-1	1019 E	7.98	57	38.8	13.2	.53	1.09	131	15.0
MCNAIR 9416	989 E	7.36	62	38.5	10.9	.49	1.03	121	13.9

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			COLORIMETER		UNIFORMITY RATIO
		UHM	MEAN	TO	T1	E1	RD	B	

ROHWER, ARK.

COKER 310-1901	3.89	1.22	0.97	37.4	20.0	8.2	76	8.5	80
PEE DEE 4381-54	4.38	1.15	0.95	40.0	20.8	6.3	76	8.3	83
COKER 8103	4.10	1.25	1.04	38.6	21.0	6.9	76	8.5	84
COKER 8215	4.25	1.21	1.03	38.8	21.3	7.8	75	8.8	85
COKER 201	4.54	1.18	0.97	37.9	19.3	7.2	76	8.5	83
MCNAIR 9416	4.40	1.10	0.93	43.0	21.2	6.1	76	8.0	85
MO. 63-079A	3.83	1.24	1.06	37.7	20.8	9.1	75	8.5	86
COKER 423-70911	4.09	1.21	0.99	41.1	20.8	6.7	77	8.3	82
DELTAPINE 607	4.51	1.14	0.92	39.4	20.0	7.1	76	7.5	81
CP 820589	4.76	1.15	0.92	43.4	21.4	5.7	74	8.0	81
PEEDEE 4381-567	3.93	1.16	0.96	40.0	21.5	7.0	77	8.3	83
CP 828	4.25	1.15	0.93	42.3	22.1	6.0	75	8.3	81
STONEVILLE 804	4.15	1.10	0.92	41.6	20.8	6.7	74	8.5	84
PD 8619	4.07	1.24	1.08	39.8	23.4	8.0	74	8.8	87
ACALA SJ-1	4.32	1.13	0.96	42.6	23.3	6.5	76	8.5	85

PORTVILLE, MO.

CP 820589	4.25	1.16	0.95	39.5	18.6	6.8	72	7.8	82
COKER 310-1901	3.77	1.22	0.97	36.0	18.9	8.2	73	8.0	80
MO. 63-079A	3.52	1.18	0.93	35.5	17.5	8.9	72	8.5	79
COKER 201	4.15	1.18	0.97	35.4	18.3	7.8	72	8.0	82
PEEDEE 4381-567	3.64	1.14	0.85	35.4	19.1	8.0	72	8.5	75
STONEVILLE 804	4.04	1.13	0.89	37.8	20.1	7.2	70	8.3	79
CP 828	3.92	1.17	0.97	38.9	20.6	6.9	69	8.0	84
PEE DEE 4381-54	4.31	1.15	0.94	36.1	17.7	7.1	71	8.8	82
COKER 8215	4.00	1.22	1.02	34.3	19.3	8.1	72	8.5	84
COKER 8103	3.97	1.21	1.00	36.9	20.5	7.2	72	8.0	83
COKER 423-70911	3.85	1.21	0.99	36.4	19.9	7.3	71	8.8	82
PD 8619	4.04	1.24	1.05	36.1	20.2	8.6	69	8.8	85
MCNAIR 9416	4.35	1.13	0.91	37.7	17.6	7.2	71	8.3	81
DELTAPINE 607	3.76	1.14	0.92	35.2	19.1	7.9	73	8.3	80
ACALA SJ-1	3.97	1.15	0.93	36.7	19.7	8.3	72	7.8	81

JACKSON, TENN.

COKER 8215	4.46	1.16	0.96	36.8	20.0	8.0	75	8.8	83
STONEVILLE 804	4.31	1.10	0.92	39.7	19.7	6.7	76	8.8	84
COKER 310-1901	4.63	1.22	1.00	35.6	18.9	7.8	77	8.8	82
CP 820589	4.77	1.15	0.98	42.5	21.6	6.1	75	8.5	85
COKER 8103	4.49	1.13	0.92	39.1	19.9	6.9	76	8.8	82
PEE DEE 4381-54	4.61	1.10	0.91	40.4	20.3	6.2	77	9.0	82
COKER 201	4.45	1.13	0.93	35.6	18.1	8.0	77	8.5	83
COKER 423-70911	4.25	1.18	1.00	36.9	19.7	7.2	78	8.8	85
PEEDEE 4381-567	4.45	1.13	0.94	39.3	20.0	6.8	77	8.8	84
CP 828	4.67	1.09	0.88	40.4	20.4	6.6	77	8.5	81
PD 8619	4.70	1.16	0.99	39.4	21.7	7.7	76	9.0	86
DELTAPINE 607	4.52	1.14	0.99	38.1	19.8	8.0	77	8.5	87
MO. 63-079A	4.19	1.15	0.95	35.2	19.0	8.8	77	9.0	83
ACALA SJ-1	4.56	1.16	0.97	38.7	20.7	7.8	78	8.8	84
MCNAIR 9416	4.49	1.07	0.89	39.9	19.1	6.6	77	8.5	83

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD		BOLL SIZE			LINT	SEED	SPAN		22'S	YT		
	LB.	LINT	GRAM.	PER	PER			PCT.	INDEX			50	2.5
PER ACRE	ROLL.	LB.			PCT	PCT							
BELLE MINA, ALA.													
MCNAIR 9416	1577	A	8.04	57	38.7	12.1	.50	1.08	117	13.4			
COKER 423-70911	1509	AB	6.92	66	40.1	12.1	.57	1.18	127	14.6			
COKER 201	1491	ABC	6.82	67	40.1	11.7	.53	1.15	109	12.5			
COKER 8103	1476	ABC	6.91	66	39.8	11.8	.56	1.17	124	14.2			
PEEDEE 4381-567	1382	BCD	6.93	66	39.2	12.5	.53	1.17	117	13.4			
COKER 310-1901	1361	BCD	6.70	68	41.6	12.0	.56	1.25	117	13.4			
COKER 8215	1335	CD	5.70	80	41.0	10.4	.54	1.16	122	13.9			
DELTAPINE 607	1306	D	6.78	67	37.6	11.6	.55	1.14	125	14.3			
ACALA SJ-1	1288	D	7.46	61	36.6	14.5	.55	1.17	121	13.8			
PEE DEE 4381-54	1280	DE	6.71	68	38.8	13.9	.52	1.16	123	14.2			
CP 828	1269	DE	6.54	70	37.7	13.3	.55	1.17	128	14.7			
CP 820589	1255	DE	7.75	59	39.1	12.6	.53	1.12	128	14.7			
MO. 63-079A	1252	DE	8.30	55	37.9	13.3	.54	1.19	121	13.9			
PD 8619	1244	DE	7.21	63	38.7	12.1	.55	1.19	133	15.3			
STONEVILLE 804	1112	E	6.30	72	42.7	11.6	.53	1.13	121	13.9			

TIFTON, GA.										
STONEVILLE 804	999 A		5.48	83	40.7	9.8	.51	1.08	122	14.0
COKER 8103	975 AB		6.43	71	39.6	9.8	.54	1.14	130	14.9
COKER 310-1901	961 ABC		5.78	79	40.0	9.8	.55	1.18	125	14.3
COKER 423-70911	928 ABCD		6.34	72	39.0	10.0	.55	1.13	130	15.0
COKER 201	918 ABCDE		5.97	76	39.1	10.0	.53	1.12	115	13.2
COKER 8215	916 ABCDE		5.10	89	40.7	8.8	.57	1.14	126	14.4
PEE DEE 4381-54	902 ABCDE		6.16	74	38.0	11.0	.52	1.10	122	14.0
DELTAPINE 607	880 ABCDE		5.86	78	37.4	9.5	.58	1.12	131	15.0
CP 820589	862 BCDE		6.82	67	37.8	11.8	.55	1.09	127	14.5
MO. 63-079A	856 BCDE		6.96	65	34.9	12.3	.53	1.12	127	14.5
PEEDEE 4381-567	848 BCDE		5.86	78	37.1	10.0	.53	1.11	123	14.1
PD 8619	828 CDE		6.09	75	37.2	10.5	.55	1.12	130	14.9
MCNAIR 9416	824 DE		6.91	66	34.0	11.0	.54	1.10	130	15.0
CP 828	798 DE		6.62	69	36.1	11.5	.54	1.07	128	14.7
ACALA SJ-1	790 E		7.02	65	35.8	12.5	.55	1.13	128	14.7

EXPERIMENT, GA.										
COKER 8103	717 A		6.40	71	38.5	10.8	.57	1.18	123	14.2
MO. 63-079A	715 A		7.26	63	37.1	12.7	.54	1.16	121	13.9
STONEVILLE 804	698 A		5.59	81	39.7	10.6	.54	1.14	120	13.8
COKER 201	673 A		6.28	73	39.3	10.6	.52	1.14	113	13.0
COKER 423-70911	661 A		6.51	70	38.9	10.9	.57	1.17	123	14.1
CP 820589	640 A		7.00	65	37.8	12.7	.55	1.15	125	14.4
PD 8619	634 A		5.97	76	38.7	11.1	.56	1.14	127	14.6
PEE DEE 4381-54	630 A		6.25	73	38.6	12.1	.54	1.13	120	13.8
PEEDEE 4381-567	617 A		6.57	69	38.0	11.9	.54	1.13	118	13.5
MCNAIR 9416	615 A		7.13	64	37.0	12.0	.55	1.13	121	13.9
COKER 310-1901	612 A		6.17	74	40.3	10.6	.55	1.23	118	13.5
CP 828	553 AB		6.12	74	37.4	12.2	.54	1.11	129	14.7
COKER 8215	546 AB		5.53	82	40.2	10.0	.55	1.18	122	13.9
DELTAPINE 607	543 AB		5.81	78	36.3	10.7	.55	1.15	124	14.3
ACALA SJ-1	412 B		7.13	64	34.8	13.2	.53	1.13	123	14.1

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING		STELOMETER			COLORI-		UNIF.
	MICRO- NAIRE	SLIVER UHM . MEAN	TO	T1	E1	METER RD . B	RATIO	

BELLE MINA, ALA.

MCNAIR 9416	4.97	1.15	0.95	36.5	19.2	7.0	77	8.5	83
COKER 423-70911	4.38	1.25	1.07	36.0	19.1	6.5	76	8.8	86
COKER 201	4.51	1.20	0.95	34.6	18.1	6.9	75	9.0	79
COKER 8103	4.48	1.26	1.08	36.2	19.7	6.9	74	8.8	86
PEEDEE 4381-567	4.60	1.18	0.96	37.2	18.8	7.8	75	9.0	82
COKER 310-1901	4.71	1.33	1.13	33.2	18.9	8.3	75	9.3	85
COKER 8215	4.61	1.25	1.03	33.7	19.4	8.1	74	9.5	83
DELTAPINE 607	4.90	1.22	1.04	34.5	19.2	8.4	78	8.3	86
ACALA SJ-1	4.60	1.22	0.99	35.5	20.2	7.2	75	8.8	81
PEE DEE 4381-54	4.81	1.20	0.98	38.4	19.6	6.8	75	8.8	82
CP 828	4.40	1.22	1.00	38.1	20.3	7.0	74	8.5	82
CP 820589	4.88	1.18	0.98	40.3	21.1	6.1	75	8.8	83
MO. 63-079A	4.34	1.24	1.01	33.3	20.3	8.3	74	9.5	82
PD 8619	4.48	1.27	1.08	36.5	21.2	7.7	74	9.3	85
STONEVILLE 804	4.60	1.16	0.96	40.8	19.0	7.8	75	9.0	84

TIFTON, GA.

STONEVILLE 804	4.27	1.13	0.93	37.9	20.0	7.5	77	9.3	82
COKER 8103	4.17	1.23	1.05	37.4	20.5	7.5	77	9.3	86
COKER 310-1901	4.00	1.27	1.05	35.1	19.5	7.9	77	9.3	83
COKER 423-70911	4.30	1.21	1.03	38.4	20.2	7.2	76	9.8	85
COKER 201	3.85	1.17	0.99	32.9	18.1	7.5	77	9.5	85
COKER 8215	4.42	1.23	1.06	35.5	20.3	8.1	77	9.8	86
PEE DEE 4381-54	4.37	1.17	0.99	36.3	19.2	7.5	78	9.3	85
DELTAPINE 607	4.21	1.19	1.02	37.1	20.2	8.3	80	9.0	86
CP 820589	4.67	1.16	1.00	39.5	21.4	7.1	78	9.0	86
MO. 63-079A	3.88	1.21	1.02	33.0	18.5	10.2	76	9.5	85
PEEDEE 4381-567	3.93	1.15	0.97	35.3	19.5	8.7	76	9.3	84
PD 8619	4.14	1.20	1.04	35.5	20.2	8.8	75	9.3	87
MCNAIR 9416	4.13	1.16	0.99	36.8	20.2	8.0	79	9.0	85
CP 828	4.30	1.14	0.99	37.8	19.4	7.7	77	9.5	87
ACALA SJ-1	4.04	1.17	1.02	36.0	20.6	7.9	78	9.5	87

EXPERIMENT, GA.

COKER 8103	4.20	1.25	1.07	34.0	18.8	8.6	69	8.3	86
MO. 63-079A	4.10	1.24	1.08	34.1	18.5	11.0	69	8.5	87
STONEVILLE 804	4.09	1.13	0.92	35.7	19.0	8.1	69	8.3	82
COKER 201	4.35	1.22	1.02	33.4	17.6	8.7	71	8.5	84
COKER 423-70911	4.33	1.26	1.08	34.5	19.3	8.1	72	8.0	86
CP 820589	4.68	1.20	1.01	37.9	20.7	7.6	72	8.5	85
PD 8619	4.43	1.22	1.07	34.6	19.5	8.9	71	8.3	88
PEE DEE 4381-54	4.55	1.15	0.98	35.7	18.2	7.6	70	8.5	85
PEEDEE 4381-567	4.24	1.18	1.00	34.2	18.7	7.6	68	8.3	85
MCNAIR 9416	4.71	1.19	1.06	36.1	19.4	7.9	72	8.3	89
COKER 310-1901	4.47	1.29	1.06	33.0	18.8	8.7	71	8.5	83
CP 828	4.40	1.18	1.02	40.7	20.3	8.1	70	8.3	87
COKER 8215	4.22	1.23	1.05	33.8	18.8	9.1	69	8.3	85
DELTAPINE 607	4.23	1.21	1.03	33.6	18.6	9.4	73	8.3	86
ACALA SJ-1	3.98	1.20	1.04	35.6	19.6	8.7	72	8.8	87

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	.	.	BOLL	SIZE	.	.	SPAN	.	.	.
	YIELD	.	GRAM.	NO.	LINT	SEED	LENGTH	22'S	YT	.
	LB.	LINT	PER	PER	PCT.	INDEX	50 2.5	.	.	.
	PER ACRE	.	BOLL.	LB.	.	.	PCT PCT	.	.	.

FLORENCE, S.C.

COKER 423-70911	1083	A	6.88	66	38.8	10.8	.57	1.19	128	14.6
COKER 8103	1071	A	6.86	66	39.8	10.3	.55	1.18	133	15.2
PEE DEE 4381-54	1069	A	7.74	59	39.9	11.4	.54	1.12	128	14.8
COKER 201	1033	AB	6.94	66	41.5	10.4	.54	1.15	119	13.6
STONEVILLE 804	1028	AB	6.36	72	41.2	9.7	.52	1.10	128	14.6
COKER 310-1901	998	ABC	6.41	71	41.3	10.1	.57	1.24	124	14.2
PD 8619	953	BCD	6.57	69	37.7	10.9	.58	1.19	136	15.6
DELTAPINE 607	936	BCD	6.17	74	37.3	10.3	.55	1.15	133	15.2
COKER 8215	930	BCD	5.69	80	40.4	9.9	.59	1.21	131	15.0
ACALA SJ-1	891	CD	7.68	59	37.2	12.4	.55	1.15	129	14.8
CP 820589	879	DE	7.54	61	38.0	12.1	.55	1.12	135	15.5
CP 828	867	DE	6.62	69	37.9	12.1	.54	1.12	134	15.4
PEEDEE 4381-567	852	DE	7.18	64	38.3	11.1	.56	1.15	127	14.6
MO. 63-079A	840	DE	7.96	57	37.9	12.3	.56	1.18	128	14.7
MCNAIR 9416	776	E	7.56	60	37.6	10.8	.56	1.11	125	14.4

ROCKY MT., N.C.

COKER 8103	675	A	6.49	70	38.7	11.0	.59	1.21	130	14.9
PEE DEE 4381-54	658	AB	6.82	67	39.0	11.7	.54	1.12	120	13.7
COKER 423-70911	651	ABC	6.66	68	38.4	10.9	.56	1.18	124	14.2
PD 8619	639	ABCD	6.50	70	38.3	11.0	.55	1.16	125	14.3
STONEVILLE 804	638	ABCD	6.10	74	39.1	10.4	.54	1.12	125	14.3
CP 820589	581	BCDE	6.96	65	37.3	12.2	.54	1.12	124	14.2
COKER 8215	572	BCDEF	5.82	78	40.3	9.9	.57	1.18	123	14.1
CP 828	560	CDEF	6.57	70	37.3	12.4	.54	1.13	121	13.9
PEEDEE 4381-567	552	DEF	6.75	67	38.0	11.2	.55	1.14	121	13.9
COKER 201	552	DEF	6.28	73	40.5	10.7	.53	1.15	112	12.9
MO. 63-079A	539	EF	7.27	63	36.9	12.8	.54	1.19	117	13.4
MCNAIR 9416	500	EFG	5.85	78	36.2	10.3	.55	1.17	120	13.8
COKER 310-1901	489	EFG	6.16	74	41.0	10.1	.54	1.21	120	13.7
DELTAPINE 607	477	FG	5.92	77	36.1	10.4	.53	1.17	122	14.1
ACALA SJ-1	413	G	7.55	60	34.8	13.7	.51	1.14	119	13.7

1971 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO- NAIRE	DRAWING SLIVER UHM	MEAN	TO	STELOMETER T1	E1	COLORI- METER RD	B	UNIF. RATIO

FLORENCE, S.C.

COKER 423-70911	4.42	1.23	1.02	37.2	20.1	7.5	77	9.0	84
COKER 8103	4.27	1.23	1.02	36.8	20.5	7.6	77	9.3	83
PEE DEE 4381-54	4.83	1.16	0.99	38.2	19.9	7.4	77	9.0	86
COKER 201	4.46	1.20	0.96	34.6	18.5	7.5	77	9.3	81
STONEVILLE 804	4.32	1.15	0.96	38.8	20.3	7.6	76	9.5	84
COKER 310-1901	4.47	1.29	1.03	35.1	18.6	8.0	76	9.5	80
PD 8619	4.45	1.24	1.09	36.2	20.4	9.1	74	9.8	88
DELTAPINE 607	4.38	1.23	1.07	37.0	19.7	8.9	80	9.0	88
COKER 8215	4.39	1.30	1.14	35.2	19.8	8.8	77	9.5	88
ACALA SJ-1	4.26	1.19	1.00	37.1	20.5	7.9	79	9.0	85
CP 820589	5.06	1.18	1.03	41.3	21.7	6.8	76	9.3	88
CP 828	4.59	1.18	1.02	40.2	21.7	7.1	76	9.0	87
PEEDEE 4381-567	4.07	1.20	1.03	36.3	20.1	8.1	78	9.0	86
MO. 63-079A	4.09	1.24	1.07	34.1	18.6	9.5	75	9.5	86
MCNAIR 9416	4.90	1.18	1.03	38.3	20.0	8.0	77	9.0	87

ROCKY MT., N.C.

COKER 8103	4.27	1.23	1.02	35.6	19.7	7.8	71	8.0	83
PEE DEE 4381-54	4.35	1.15	0.95	35.4	18.4	7.2	71	7.8	83
COKER 423-70911	4.19	1.23	0.99	34.8	18.9	7.9	71	8.0	81
PD 8619	4.29	1.20	0.97	34.5	19.1	8.5	69	8.0	81
STONEVILLE 804	4.11	1.14	0.91	36.0	19.2	7.7	69	7.8	81
CP 820589	4.59	1.14	0.94	37.3	20.0	6.5	70	8.0	83
COKER 8215	4.36	1.22	1.03	33.2	18.3	8.7	70	8.0	84
CP 828	4.50	1.15	0.92	36.3	19.6	7.3	68	7.5	81
PEEDEE 4381-567	4.02	1.17	0.97	32.2	18.3	8.1	72	7.8	83
COKER 201	4.34	1.16	0.93	32.9	17.6	8.2	70	7.5	81
MO. 63-079A	3.95	1.22	0.99	31.5	17.6	10.1	68	8.3	82
MCNAIR 9416	3.94	1.20	0.99	33.3	18.4	8.4	71	8.0	83
COKER 310-1901	4.13	1.24	0.98	34.3	18.6	8.5	70	8.0	79
DELTAPINE 607	4.05	1.20	0.97	32.7	18.7	8.2	70	7.8	82
ACALA SJ-1	3.96	1.18	0.95	35.2	19.3	8.3	70	7.5	81

1971 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		22'S	YT
	LB.	LINT PER ACRE	GRAM. PER BOLL.	NO. PER LB.			LENGTH 50	2.5 PCT		
P 23	706	A	2.92	156	34.3	12.0	.67	1.38	174	20.0
P-21	670	A	3.61	127	35.5	13.2	.68	1.40	174	20.0
P-22	662	A	3.35	136	35.6	12.7	.66	1.38	170	19.5
P 19	641	A	3.31	138	36.0	12.9	.67	1.39	175	20.1
PIMA S-4	636	A	3.48	131	35.8	12.2	.66	1.38	167	19.2
P 24	627	A	3.51	130	35.7	12.6	.68	1.40	183	21.0
E3	626	A	2.78	164	34.4	12.2	.68	1.39	167	19.2
E2	622	A	2.88	159	34.4	12.1	.67	1.37	167	19.2
P 25	618	A	3.16	144	34.8	12.0	.66	1.39	176	20.2
PIMA S-3	522	B	3.33	139	34.3	12.2	.65	1.39	163	18.8

SUBREGIONAL SUMMARY COMBINING PHOENIX, TEMPE, AND MARANA

P 23	688	A	2.78	164	32.8	11.8	.67	1.37	174	19.9
P-21	664	A	3.37	135	34.1	12.9	.69	1.42	178	20.5
P 19	656	A	3.05	149	34.6	12.8	.69	1.40	179	20.6
PIMA S-4	623	AB	3.26	139	34.6	12.2	.66	1.39	172	19.8
P-22	576	ARC	3.11	146	34.3	12.4	.66	1.38	170	19.5
P 25	569	ABC	3.03	150	33.7	11.6	.66	1.39	178	20.4
P 24	535	ABC	3.35	136	34.5	12.3	.71	1.40	185	21.3
E3	462	BCD	2.57	177	32.5	12.2	.68	1.41	170	19.6
E2	412	CD	2.65	172	32.0	12.3	.68	1.38	173	19.8
PIMA S-3	351	D	2.91	157	32.6	11.8	.66	1.40	168	19.3

SUBREGIONAL SUMMARY COMBINING SAFFORD, FABENS, EL PASO, PECOS, AND S.(PACE), ARIZ.

E2	747	A	3.01	151	35.8	12.0	.66	1.36	164	18.8
E3	724	AB	2.91	157	35.6	12.2	.69	1.38	166	19.1
P 23	716	AB	3.00	152	35.1	12.1	.68	1.39	174	20.0
P-22	714	AB	3.49	130	36.4	12.9	.66	1.38	170	19.5
P 24	682	ABC	3.61	126	36.3	12.8	.67	1.40	181	20.8
P-21	673	BC	3.75	122	36.3	13.3	.67	1.39	172	19.8
P 25	648	C	3.24	141	35.5	12.2	.66	1.38	174	20.0
PIMA S-4	644	C	3.61	126	36.5	12.3	.65	1.38	164	18.9
P 19	632	C	3.47	131	36.9	13.0	.65	1.39	173	19.9
PIMA S-3	624	C	3.58	128	35.4	12.4	.64	1.38	160	18.4

VARIETIES COMBINING LOCATIONS

LOCATION	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• 22'S	• YT	
	• LB.	LINT	• GRAM.	NO.			• LENGTH	• 50			2.5
	• PER ACRE		• BOLL.	LB.	•	•	•	•	•	•	
EL PASO, TEX.	840	A	3.38	135	36.4	12.9	.68	1.41	175	20.2	
FABENS, TEX.	786	AB	3.59	128	37.1	12.5	.67	1.37	168	19.4	
S.(PACE),ARIZ.	726	BC	3.11	147	36.2	11.6	.64	1.39	167	19.2	
TEMPE, ARIZ.	678	CD	3.15	145	33.1	13.0	.67	1.39	171	19.6	
SAFFORD, ARIZ.	630	D	3.48	131	34.9	13.1	.69	1.40	173	19.9	
MARANA, ARIZ.	511	E	2.96	155	35.9	11.3	.67	1.39	178	20.4	
PHOENIX, ARIZ.	472	EF	2.91	157	31.7	12.3	.69	1.40	176	20.2	
PECOS, TEX.	421	F	3.27	140	35.3	12.6	.64	1.36	165	18.9	

1971 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			COLORIMETER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	
P 23	3.95	1.38	1.13	43.9	28.8	8.1	68	10.9	82
P-21	4.15	1.43	1.18	44.8	30.2	8.3	69	10.7	82
P-22	4.06	1.39	1.12	44.7	29.2	8.1	70	10.3	81
P 19	4.12	1.41	1.16	43.5	28.8	8.5	73	9.6	82
PIMA S-4	3.97	1.40	1.13	43.1	28.4	8.4	70	10.6	81
P 24	4.07	1.41	1.15	46.0	30.9	7.6	68	11.1	81
E3	4.30	1.42	1.21	43.0	28.6	9.0	72	9.3	85
E2	4.47	1.41	1.19	42.9	28.1	8.8	72	9.4	85
P 25	3.78	1.41	1.15	44.1	28.9	8.4	66	11.9	82
PIMA S-3	3.92	1.39	1.12	42.4	27.4	8.8	67	11.2	80

SUBREGIONAL SUMMARY COMBINING PHCENIX, TEMPE, AND MARANA

P 23	4.02	1.37	1.11	43.8	28.6	7.7	69	9.3	81
P-21	4.12	1.44	1.19	46.1	30.3	7.9	69	9.3	82
P 19	3.99	1.41	1.15	44.0	29.2	7.8	73	10.9	82
PIMA S-4	4.10	1.40	1.14	43.4	28.7	8.5	70	10.3	82
P-22	4.17	1.39	1.12	44.2	28.9	7.7	71	11.1	80
P 25	3.91	1.41	1.16	44.5	29.0	8.1	67	10.7	82
P 24	4.02	1.41	1.18	45.6	30.5	7.6	69	12.0	84
E3	4.36	1.42	1.22	43.3	29.1	8.4	71	10.6	86
E2	4.48	1.42	1.22	43.6	28.9	8.2	72	9.5	86
PIMA S-3	3.91	1.39	1.11	43.1	28.0	8.3	67	11.2	80

SUBREGIONAL SUMMARY COMBINING SAFFORD, FABENS, EL PASO, PECOS, AND S.(PACE), ARIZ.

E2	4.46	1.40	1.18	42.6	27.7	9.2	72	9.3	84
E3	4.27	1.42	1.20	42.8	28.3	9.3	72	9.3	84
P 23	3.90	1.38	1.13	44.0	28.9	8.4	67	10.9	82
P-22	3.99	1.39	1.13	45.0	29.4	8.3	69	9.3	81
P 24	4.09	1.41	1.13	46.3	31.1	7.6	68	11.1	80
P-21	4.16	1.43	1.17	44.1	30.1	8.5	68	10.7	82
P 25	3.71	1.42	1.15	43.9	28.9	8.6	65	12.0	81
PIMA S-4	3.90	1.40	1.13	43.0	28.3	8.4	70	9.5	81
P 19	4.20	1.40	1.16	43.2	28.5	9.0	73	9.5	83
PIMA S-3	3.93	1.39	1.12	42.0	27.1	9.0	66	10.2	81

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			COLORIMETER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	
EL PASO, TEX.	3.93	1.43	1.16	43.9	29.5	8.7	69	10.7	81
FABENS, TEX.	4.14	1.37	1.09	44.1	29.0	8.6	70	10.5	80
S.(PACE), ARIZ.	3.96	1.41	1.16	43.0	28.1	8.1	71	10.1	83
TEMPE, ARIZ.	4.16	1.39	1.12	43.8	28.5	7.8	70	10.5	81
SAFFORD, ARIZ.	4.43	1.45	1.24	43.7	29.6	9.0	71	9.4	86
MARANA, ARIZ.	4.05	1.44	1.20	45.1	30.0	8.0	69	10.4	84
PHOENIX, ARIZ.	4.12	1.40	1.15	43.6	28.9	8.4	70	10.6	83
PECOS, TEX.	3.84	1.36	1.10	43.8	28.0	8.7	65	10.8	80

1971 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

P-21	3.61	A
P 24	3.51	AB
PIMA S-4	3.48	B
P-22	3.35	C
PIMA S-3	3.33	C
P 19	3.31	C
P 25	3.16	D
P 23	2.92	E
E2	2.88	EF
E3	2.78	F

LINT PCT.

P 19	36.0	A
PIMA S-4	35.8	A
P 24	35.7	A
P-22	35.6	A
P-21	35.5	A
P 25	34.8	B
E3	34.4	B
E2	34.4	B
P 23	34.3	B
PIMA S-3	34.3	B

SPAN LENGTH, 50 PCT.

P 24	0.68	A
E3	0.68	A
P-21	0.68	A
P 19	0.67	AB
E2	0.67	AB
P 23	0.67	AB
PIMA S-4	0.66	AB
P 25	0.66	AB
P-22	0.66	AB
PIMA S-3	0.65	B

DRAWING SLIVER, UHM

P-21	1.43	A
E3	1.42	AB
E2	1.41	ABC
P 25	1.41	ABC
P 19	1.41	ABC
P 24	1.41	ABC
PIMA S-4	1.40	BCD
P-22	1.39	CD
PIMA S-3	1.39	CD
P 23	1.38	D

BOLL SIZE, NO. PER LB.

E3	164	A
E2	159	AB
P 23	156	B
P 25	144	C
PIMA S-3	139	CD
P 19	138	D
P-22	136	DE
PIMA S-4	131	EF
P 24	130	F
P-21	127	F

SEED INDEX

P-21	13.2	A
P 19	12.9	B
P-22	12.7	BC
P 24	12.6	C
PIMA S-4	12.2	D
E3	12.2	D
PIMA S-3	12.2	D
E2	12.1	D
P 25	12.0	D
P 23	12.0	D

SPAN LENGTH, 2.5 PCT.

P 24	1.40	A
P-21	1.40	A
P 25	1.39	AB
E3	1.39	AB
P 19	1.39	AB
PIMA S-3	1.39	AB
P 23	1.38	AB
PIMA S-4	1.38	AB
P-22	1.38	AB
E2	1.37	B

DRAWING SLIVER, MEAN

E3	1.21	A
E2	1.19	AB
P-21	1.18	AB
P 19	1.16	BC
P 25	1.15	BC
P 24	1.15	BC
P 23	1.13	C
PIMA S-4	1.13	C
P-22	1.12	C
PIMA S-3	1.12	C

1971 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO		22'S		YARN TENACITY	
E3	85 A	P 24	183 A	P 24	21.0 A
E2	85 A	P 25	176 B	P 25	20.2 B
P 23	82 B	P 19	175 B	P 19	20.1 B
P-21	82 B	P 23	174 B	P 23	20.0 B
P 19	82 B	P-21	174 B	P-21	20.0 B
P 25	82 B	P-22	170 C	P-22	19.5 C
P 24	81 B	PIMA S-4	167 C	PIMA S-4	19.2 C
PIMA S-4	81 B	E2	167 C	E3	19.2 C
P-22	81 B	E3	167 C	E2	19.2 C
PIMA S-3	80 B	PIMA S-3	163 D	PIMA S-3	18.8 D

MICRONAIRE	
E2	4.47 A
E3	4.30 AB
P-21	4.15 BC
P 19	4.12 BCD
P 24	4.07 CDE
P-22	4.06 CDE
PIMA S-4	3.97 CDE
P 23	3.95 DEF
PIMA S-3	3.92 EF
P 25	3.78 F

STELOMETER - T0	
P 24	46.0 A
P-21	44.8 B
P-22	44.7 B
P 25	44.1 BC
P 23	43.9 BCD
P 19	43.5 CDE
PIMA S-4	43.1 DEF
E3	43.0 DEF
E2	42.9 EF
PIMA S-3	42.4 F

STELOMETER - T1	
P 24	30.9 A
P-21	30.2 A
P-22	29.2 B
P 25	28.9 BC
P 19	28.8 BC
P 23	28.8 BC
E3	28.6 BC
PIMA S-4	28.4 BC
E2	28.1 CD
PIMA S-3	27.4 D

STELOMETER - E1	
E3	9.0 A
E2	8.8 AB
PIMA S-3	8.8 AB
P 19	8.5 AB
PIMA S-4	8.4 AB
P 25	8.4 AB
P-21	8.3 AB
P 23	8.1 BC
P-22	8.1 BC
P 24	7.6 C

COLORIMETER -RD	
P 19	73 A
E3	72 A
E2	72 A
PIMA S-4	70 B
P-22	70 B
P-21	69 BC
P 23	68 CD
P 24	68 CD
PIMA S-3	67 DE
P 25	66 E

COLORIMETER -B	
P 25	11.9 A
PIMA S-3	11.2 A
P 24	11.1 A
P 23	10.9 AB
P 21	10.7 AB
PIMA S-4	10.6 AB
P 22	10.3 AB
P 19	9.6 B
E2	9.4 B
E3	9.3 B

1971 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAM. NO.	LINT	SEED	SPAN	LENGTH	22'S	YT
	LB. LINT	PER. PER	PER. PCT.	INDEX	50	2.5			
	PER ACRE	BOLL. LB.			PCT PCT				

PHOENIX, ARIZ.

P-21	698	A	3.26	139	32.1	13.0	.72	1.43	179	20.5
P 23	640	AB	2.76	165	31.0	12.0	.65	1.39	174	19.9
P 19	593	B	3.02	150	32.7	13.1	.72	1.43	181	20.8
PIMA S-4	586	B	3.17	144	32.7	12.5	.67	1.40	175	20.0
P-22	499	C	3.08	148	32.2	12.3	.67	1.36	168	19.3
P 25	466	C	2.89	157	31.8	11.6	.67	1.38	178	20.4
P 24	447	C	3.22	141	33.0	12.4	.70	1.40	192	22.0
E3	310	D	2.54	179	30.6	12.4	.70	1.42	170	19.5
E2	258	DE	2.61	174	30.1	12.3	.68	1.36	173	19.9
PIMA S-3	224	E	2.60	174	30.4	11.7	.66	1.40	168	19.3

TEMPE, ARIZ.

P 19	880	A	3.08	147	34.2	13.3	.69	1.41	177	20.3
P 23	823	AB	2.92	156	32.3	12.5	.68	1.37	167	19.1
PIMA S-4	796	BC	3.41	133	34.1	13.0	.65	1.38	167	19.3
P-21	734	CD	3.50	130	33.8	13.7	.69	1.42	176	20.2
P-22	733	CD	3.22	141	34.0	13.3	.66	1.38	168	19.2
P 25	699	DE	3.25	140	33.0	12.3	.66	1.37	173	19.9
E3	643	E	2.72	167	32.3	12.9	.66	1.41	170	19.4
P 24	627	E	3.54	128	34.0	13.1	.72	1.40	180	20.6
E2	486	F	2.86	159	31.2	13.4	.65	1.37	168	19.3
PIMA S-3	358	G	3.03	150	32.3	12.6	.66	1.40	164	18.8

MARANA, ARIZ.

P 23	602	A	2.66	171	35.2	11.0	.67	1.34	180	20.6
P-21	561	AB	3.36	136	36.4	11.9	.66	1.40	180	20.6
P 25	542	ABC	2.94	155	36.3	10.8	.65	1.42	183	20.9
P 24	530	BC	3.29	138	36.6	11.3	.70	1.41	185	21.2
P 19	496	BCD	3.04	149	36.8	11.9	.65	1.37	179	20.6
P-22	495	BCD	3.04	150	36.6	11.5	.66	1.39	175	20.1
E2	493	BCD	2.48	183	34.7	11.2	.70	1.41	177	20.3
PIMA S-4	487	BCD	3.20	142	37.1	11.2	.66	1.38	175	20.0
PIMA S-3	471	CD	3.10	146	35.0	11.1	.65	1.39	174	19.9
E3	434	D	2.45	185	34.6	11.4	.67	1.40	172	19.7

SAFFORD, ARIZ.

P 23	714	A	3.15	144	34.8	12.4	.70	1.38	181	20.7
P-22	694	A	3.59	127	35.6	13.7	.67	1.41	173	19.9
E2	677	A	3.07	148	34.8	12.5	.68	1.36	168	19.2
PIMA S-4	673	A	3.66	124	35.6	12.5	.68	1.39	166	19.1
E3	666	A	2.98	153	34.0	12.9	.70	1.41	169	19.4
P 24	593	B	3.65	124	35.3	13.6	.70	1.41	188	21.6
P 19	584	B	3.72	122	35.5	13.8	.68	1.41	179	20.5
P-21	578	B	3.86	118	35.3	13.9	.70	1.41	170	19.5
P 25	570	B	3.46	131	34.4	12.9	.69	1.40	175	20.0
PIMA S-3	549	B	3.66	124	34.2	13.0	.67	1.42	163	18.7

1971 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER	COLOR-1-METER	UNIF. RATIO
		UHM	MEAN	TO	RD	B

PHOENIX, ARIZ.

P-21	4.16	1.45	1.19	44.5	29.9	8.1	69	10.5	82
P 23	3.90	1.38	1.15	42.5	27.1	8.1	72	10.8	84
P 19	3.97	1.42	1.17	43.5	29.6	8.4	74	9.5	83
PIMA S-4	4.16	1.43	1.18	43.2	29.1	9.1	69	10.8	83
P-22	4.22	1.36	1.13	41.9	27.6	7.9	71	10.5	83
P 25	3.79	1.37	1.09	45.0	28.8	8.3	67	12.0	80
P 24	3.89	1.38	1.15	45.6	30.3	7.9	70	11.3	84
E3	4.60	1.39	1.18	44.5	29.6	8.2	71	10.0	85
E2	4.58	1.37	1.17	43.2	29.2	8.3	73	9.8	86
PIMA S-3	3.90	1.39	1.12	42.2	27.4	9.2	68	11.0	81

TEMPE, ARIZ.

P 19	4.10	1.36	1.08	44.4	29.1	7.2	75	9.5	80
P 23	4.09	1.35	1.02	43.5	28.5	7.3	69	11.0	76
PIMA S-4	4.05	1.32	1.02	43.4	28.0	8.0	71	10.8	78
P-21	4.11	1.39	1.10	45.2	29.7	7.6	71	10.8	79
P-22	4.22	1.37	1.05	44.6	28.7	7.6	72	10.3	77
P 25	3.99	1.42	1.20	42.9	28.2	7.8	67	11.8	85
E3	4.33	1.46	1.28	41.8	27.7	8.8	72	9.0	88
P 24	4.16	1.44	1.22	45.4	29.5	7.7	70	11.0	85
E2	4.62	1.44	1.26	42.6	27.6	8.3	72	9.3	88
PIMA S-3	3.87	1.32	0.99	43.4	28.0	7.5	67	11.5	75

MARANA, ARIZ.

P 23	4.08	1.39	1.16	45.3	30.1	7.8	68	10.5	84
P-21	4.09	1.47	1.27	48.5	31.4	7.9	69	10.8	86
P 25	3.94	1.44	1.19	45.6	29.9	8.2	66	11.3	83
P 24	4.00	1.42	1.15	45.9	31.7	7.2	67	11.3	82
P 19	3.89	1.43	1.19	44.0	28.8	7.6	72	9.8	84
P-22	4.06	1.44	1.17	46.1	30.3	7.7	70	10.0	82
E2	4.24	1.44	1.22	44.8	29.8	8.1	72	9.5	85
PIMA S-4	4.09	1.44	1.21	43.6	29.0	8.5	70	10.5	85
PIMA S-3	3.96	1.45	1.22	43.7	28.6	8.2	67	11.0	84
E3	4.15	1.42	1.20	43.5	29.9	8.2	71	9.5	85

SAFFORD, ARIZ.

P 23	4.35	1.43	1.24	43.2	29.8	8.8	69	11.0	87
P-22	4.51	1.43	1.22	45.3	29.6	8.5	72	10.0	86
E2	4.70	1.43	1.22	43.1	29.3	9.0	74	9.5	85
PIMA S-4	4.42	1.45	1.25	42.9	28.4	9.9	72	10.5	87
E3	4.58	1.44	1.23	43.9	30.1	9.2	73	9.8	86
P 24	4.47	1.45	1.21	46.6	32.0	8.1	70	11.0	84
P 19	4.39	1.47	1.30	43.2	28.7	9.4	75	9.5	88
P-21	4.64	1.47	1.28	43.0	30.0	8.7	71	10.5	87
P 25	4.02	1.42	1.17	43.3	30.1	8.6	68	11.8	83
PIMA S-3	4.24	1.44	1.24	42.0	27.3	10.0	69	11.0	86

1971 PIMA REGIONAL COTTON VARIETY TEST

VARIETY										
	• YIELD	• BOLL SIZE	•	• LINT	• SEED	• SPAN	•	• 22'S	• YT	
	• LB. LINT	• GRAM. NO.	•	• PER . PER	• INDEX	• LENGTH	• 50 2.5	•	•	
	• PER ACRE	• BOLL. LB.	•	• PCT.	•	• PCT PCT	•	•	•	
<u>EL PASO, TEX.</u>										
E2	963 A	3.18	143	36.3	12.6	.70	1.40	169	19.4	
E3	890 AB	2.95	154	36.5	12.7	.71	1.42	172	19.7	
P 24	879 AB	3.70	123	36.5	13.2	.70	1.43	188	21.6	
P-21	864 AB	3.69	123	37.0	13.6	.67	1.39	178	20.3	
P 23	832 BC	2.93	155	34.8	12.5	.69	1.43	180	20.7	
P-22	823 BC	3.50	130	36.4	13.4	.67	1.42	178	20.4	
P 19	814 BC	3.30	138	37.8	12.8	.66	1.42	176	20.1	
PIMA S-3	805 BC	3.70	123	36.3	12.9	.66	1.40	159	18.6	
P 25	791 BC	3.14	144	35.8	12.4	.65	1.36	180	20.7	
PIMA S-4	743 C	3.67	124	36.9	12.6	.67	1.42	173	19.9	
<u>S. (PACE), ARIZ.</u>										
P 23	796 A	2.72	167	35.3	11.1	.65	1.38	170	19.6	
P 24	758 AB	3.42	133	36.8	11.5	.63	1.37	175	20.1	
PIMA S-4	756 ABC	3.33	136	36.9	11.2	.63	1.40	161	18.5	
P-22	742 ABC	3.17	143	36.8	11.7	.66	1.37	165	19.0	
P 19	740 ABC	3.25	140	37.5	12.0	.61	1.37	169	19.4	
E3	718 BC	2.77	164	35.2	11.4	.68	1.39	164	18.8	
E2	711 BC	2.80	162	35.1	11.5	.68	1.41	164	18.8	
P-21	700 BCD	3.39	134	36.6	12.4	.64	1.38	172	19.7	
P 25	688 CD	2.91	156	36.2	11.3	.60	1.37	172	19.8	
PIMA S-3	646 D	3.31	138	35.3	11.5	.63	1.39	161	18.4	
<u>FABENS, TEX.</u>										
E2	904 A	3.10	147	36.8	11.9	.65	1.32	158	18.1	
E3	844 AB	3.10	147	37.2	11.9	.68	1.34	161	18.4	
P-21	832 AB	4.05	112	37.5	13.3	.67	1.36	173	19.9	
P 24	803 B	3.80	119	37.2	12.9	.66	1.39	179	20.5	
P-22	794 B	3.71	123	37.3	12.6	.65	1.37	169	19.4	
P 23	782 BC	3.17	143	36.0	12.1	.71	1.41	172	19.7	
P 25	777 BC	3.51	129	36.3	12.3	.69	1.39	175	20.0	
PIMA S-3	755 BC	4.06	112	36.3	12.6	.64	1.37	163	18.7	
P 19	702 CD	3.60	126	37.9	13.1	.66	1.37	173	19.9	
PIMA S-4	666 D	3.78	120	37.9	12.0	.63	1.31	163	18.7	
<u>PECOS, TEX.</u>										
P-22	515 A	3.47	131	35.8	13.0	.63	1.33	163	18.7	
E3	502 A	2.73	166	34.9	12.0	.66	1.34	164	18.8	
E2	480 A	2.90	157	36.1	11.7	.60	1.30	161	18.5	
P 23	458 AB	3.02	151	34.7	12.3	.63	1.35	168	19.3	
P 25	414 AB	3.15	145	34.8	12.3	.66	1.39	170	19.4	
P-21	392 AB	3.73	122	34.9	13.4	.68	1.40	168	19.3	
PIMA S-4	383 AB	3.58	127	35.1	12.9	.64	1.36	157	18.1	
P 24	375 AB	3.47	131	35.8	12.6	.65	1.39	176	20.2	
PIMA S-3	365 AB	3.18	143	34.9	12.1	.60	1.33	158	17.6	
P 19	322 B	3.48	131	35.6	13.2	.65	1.35	169	19.3	

1971 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
EL PASO, TEX.									
E2	4.29	1.44	1.22	42.1	27.6	9.8	73	9.5	85
E3	4.08	1.46	1.22	42.4	28.5	9.0	74	9.0	84
P 24	4.15	1.45	1.17	47.0	32.7	7.4	68	11.3	81
P-21	4.09	1.43	1.14	45.0	30.8	8.6	69	10.5	80
P 23	3.65	1.40	1.13	44.1	29.6	8.3	67	11.0	81
P-22	3.88	1.42	1.14	44.7	30.5	8.3	69	11.0	80
P 19	3.72	1.43	1.17	43.1	28.7	9.0	71	10.3	82
PIMA S-3	4.10	1.40	1.12	41.6	27.0	8.6	67	11.0	80
P 25	3.64	1.43	1.14	44.7	30.4	8.2	64	12.0	80
PIMA S-4	3.73	1.42	1.13	43.7	29.1	9.2	70	11.0	80
S. (PACE), ARIZ.									
P 23	3.89	1.39	1.15	43.9	27.0	7.9	69	10.3	83
P 24	3.99	1.40	1.13	45.2	30.4	6.8	71	10.5	81
PIMA S-4	3.77	1.39	1.13	42.0	27.8	8.4	71	10.5	82
P-22	3.92	1.38	1.13	43.7	27.3	8.0	73	9.8	82
P 19	3.99	1.40	1.14	43.3	28.2	7.9	75	8.8	82
E3	4.07	1.45	1.26	42.4	27.2	9.3	72	9.0	87
E2	4.49	1.43	1.24	40.9	27.1	8.6	74	9.3	87
P-21	4.05	1.42	1.16	43.2	30.3	7.6	70	10.5	82
P 25	3.65	1.42	1.16	42.9	28.1	8.5	68	12.0	82
PIMA S-3	3.79	1.39	1.12	41.9	27.3	8.1	69	10.8	81
FABENS, TEX.									
E2	4.60	1.36	1.11	42.9	27.8	9.5	74	9.0	82
E3	4.55	1.38	1.15	43.2	28.4	9.8	73	9.0	83
P-21	4.27	1.41	1.13	45.3	29.8	8.9	68	10.8	80
P 24	4.08	1.38	1.07	46.5	31.0	8.0	69	11.3	78
P-22	3.93	1.37	1.09	46.0	30.5	8.3	69	10.3	80
P 23	3.99	1.36	1.08	43.6	29.4	8.5	68	11.3	80
P 25	3.84	1.39	1.12	44.2	28.2	9.3	66	12.0	81
PIMA S-3	3.90	1.36	1.07	41.9	27.1	9.5	67	11.5	79
P 19	4.14	1.35	1.06	43.6	29.0	8.9	73	9.5	79
PIMA S-4	4.06	1.35	1.05	43.6	28.8	4.9	70	10.5	78
PECOS, TEX.									
P-22	3.67	1.34	1.04	45.2	28.9	8.0	64	10.3	78
E3	4.06	1.38	1.14	42.3	27.3	9.4	68	9.5	83
E2	4.21	1.32	1.10	43.6	26.6	9.0	68	9.5	83
P 23	3.64	1.33	1.06	45.3	28.6	8.3	64	11.0	80
P 25	3.40	1.40	1.13	44.1	27.7	8.4	60	12.5	81
P-21	3.74	1.41	1.16	43.8	29.3	8.4	66	11.3	83
PIMA S-4	3.50	1.38	1.07	42.6	27.2	9.4	66	10.5	78
P 24	3.77	1.37	1.07	46.0	29.6	7.8	65	11.5	78
PIMA S-3	3.60	1.33	1.04	42.5	26.6	8.8	61	11.8	78
P 19	4.75	1.36	1.13	42.6	27.8	9.6	71	9.8	83

1971 PIMA REGIONAL COTTON VARIETY TEST

Combed Yarn Tests	Phoenix, Ariz.				
	Variety				
Test	Pima S-3	Pima S-4	P-19	P-21	P-22
Classer's designation:					
Grade.....	10	7	8	7	7
Staple.....	44	46	46	46	46
Comber drawing sliver:					
Fibrograph, inches:					
Upper-half mean....	1.41	1.46	1.46	1.47	1.43
Mean.....	1.24	1.28	1.30	1.29	1.26
Stelometer; gf/tex:					
TO.....	41.17	40.88	42.00	41.55	41.24
Tl.....	25.72	26.56	26.31	27.77	26.43
El.....	9.1	9.0	8.8	8.7	9.0
Micronaire.....	4.05	4.10	4.17	4.13	4.05
Skein strength:					
50's combed:					
Pounds.....	70	73	76	72	71
gf/tex.....	16.8	17.5	18.3	17.3	17.1
80's combed:					
Pounds.....	38	39	41	39	39
gf/tex.....	14.6	15.0	15.8	15.0	15.0
Yarn appearance index...	100	105	100	100	105
Yarn imperfections:					
50's combed.....	3	2	2	2	3
80's combed.....	2	2	2	2	3
Waste, percent:					
Picker & Card.....	25.6	13.2	17.4	13.6	16.6
Comber.....	18.6	15.6	15.8	15.2	16.5
	P-23	P-24	P-25	E-2	E-3
Classer's designation:					
Grade.....	8	9	8	10	10
Staple.....	46	44	46	44	44
Comber drawing sliver:					
Fibrograph, inches:					
Upper-half mean....	1.42	1.44	1.42	1.38	1.42
Mean.....	1.23	1.27	1.24	1.21	1.24
Stelometer; gf/tex:					
TO.....	40.92	43.74	42.70	40.64	42.39
Tl.....	26.99	29.19	28.28	26.94	28.44
El.....	8.9	8.3	8.8	9.0	9.2
Micronaire.....	3.75	4.15	3.70	5.15	4.77
Skein strength:					
50's combed:					
Pounds.....	74	76	75	66	66
gf/tex.....	17.8	18.3	18.0	15.9	15.8
80's combed:					
Pounds.....	41	42	42	35	36
gf/tex.....	15.8	16.1	16.1	13.5	13.8
Yarn appearance index...	105	100	105	110	105
Yarn imperfections:					
50's combed.....	2	2	3	3	3
80's combed.....	2	3	2	2	3
Waste, percent:					
Picker & Card.....	19.8	18.5	19.5	42.7	45.9
Comber.....	16.8	15.7	15.9	15.4	17.0

1971 PIMA REGIONAL COTTON VARIETY TEST

Combed Yarn Tests		Safford, Ariz				
Test		Variety				
		Pima S-3	Pima S-4	P-19	P-21	P-22
Classer's designation:						
Grade.....		6	5	7	5	6
Staple.....		46	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean....		1.46	1.45	1.45	1.49	1.45
Mean.....		1.26	1.28	1.31	1.31	1.27
Stelometer; gf/tex:						
TO.....		41.64	41.86	41.71	43.39	43.18
TI.....		26.50	27.65	27.83	29.30	28.90
El.....		9.4	9.9	9.4	8.7	8.9
Micronaire.....		4.20	4.43	4.30	4.33	4.20
Skein strength:						
50's combed:						
Pounds.....		67	67	70	68	69
gf/tex.....		16.1	16.1	16.8	16.3	16.6
80's combed:						
Pounds.....		37	37	39	37	37
gf/tex.....		14.2	14.2	15.0	14.2	14.2
Yarn appearance index...		105	105	110	110	110
Yarn imperfections:						
50's combed.....		2	2	2	2	3
80's combed.....		2	2	1	2	2
Waste, percent:						
Picker & Card.....		12.4	10.0	10.8	10.2	10.8
Comber.....		15.9	15.5	14.7	14.2	14.5
		P-23	P-24	P-25	E-2	E-3
Classer's designation:						
Grade.....		8	6	7	7	6
Staple.....		46	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean....		1.44	1.47	1.45	1.41	1.45
Mean.....		1.26	1.30	1.29	1.21	1.28
Stelometer; gf/tex:						
TO.....		42.26	44.05	41.88	42.09	42.33
TI.....		28.19	30.41	28.74	27.40	27.67
El.....		8.8	8.4	8.9	9.1	9.4
Micronaire.....		4.15	4.38	4.13	4.78	4.58
Skein strength:						
50's combed:						
Pounds.....		74	75	72	65	66
gf/tex.....		17.8	18.0	17.3	15.6	15.9
80's combed:						
Pounds.....		40	41	40	34	35
gf/tex.....		15.4	15.8	15.4	13.1	13.5
Yarn appearance index..		110	115	110	125	115
Yarn imperfections:						
50's combed.....		1	2	2	1	2
80's combed.....		1	1	2	2	1
Waste, percent:						
Picker & Card.....		13.8	10.8	13.4	18.2	19.5
Comber.....		14.0	14.0	13.8	13.4	12.9

1971 PIMA REGIONAL COTTON VARIETY TEST

Combed Yarn Tests	El Paso, Texas				
	Variety				
Test	Pima S-3	Pima S-4	P-19	P-21	P-22
Classer's designation:					
Grade.....	60	50	70	60	70
Staple.....	44	44	44	44	44
Comber drawing sliver:					
Fibrograph, inches:					
Upper-half mean....	1.37	1.41	1.40	1.43	1.35
Mean.....	1.16	1.19	1.18	1.20	1.11
Stelometer; gf/tex:					
TO.....	41.66	42.69	43.76	44.07	43.43
TL.....	26.08	27.52	28.44	27.50	28.85
El.....	8.7	8.9	9.0	8.7	7.9
Micronaire.....	4.02	3.88	4.05	4.25	3.93
Skein strength:					
50's combed:					
Pounds.....	67	67	71	67	70
gf/tex.....	16.1	16.1	17.1	16.1	16.8
80's combed:					
Pounds.....	37	36	38	36	39
gf/tex.....	14.2	13.8	14.6	13.8	15.0
Yarn appearance index...	110	115	110	115	115
Yarn imperfections:					
50's combed.....	1	2	2	1	2
80's combed.....	1	2	1	2	2
Waste, percent:					
Picker & Card.....	13.6	13.2	14.5	11.8	13.6
Comber.....	16.3	15.7	15.5	14.8	15.6
	P-23	P-24	P-25	E-2	E-3
Classer's designation:					
Grade.....	80	60	70	80	90
Staple.....	44	44	44	44	44
Comber drawing sliver:					
Fibrograph, inches:					
Upper-half mean....	1.37	1.38	1.36	1.38	1.36
Mean.....	1.10	1.11	1.06	1.14	1.13
Stelometer; gf/tex:					
TO.....	41.69	45.14	43.22	41.74	41.57
TL.....	28.10	30.03	28.48	26.31	27.24
El.....	8.7	7.6	7.5	9.0	8.9
Micronaire.....	3.60	4.05	3.65	4.23	4.25
Skein strength:					
50's combed:					
Pounds.....	73	73	73	63	62
gf/tex.....	17.5	17.5	17.5	15.1	14.9
80's combed:					
Pounds.....	40	40	41	35	34
gf/tex.....	15.4	15.4	15.8	13.5	13.1
Yarn appearance index..	105	110	110	115	120
Yarn imperfections:					
50's combed.....	3	2	2	2	3
80's combed.....	2	2	2	2	2
Waste, percent:					
Picker & Card.....	16.2	13.8	16.5	18.5	21.3
Comber.....	16.3	16.0	15.9	14.0	15.1

1971 PIMA REGIONAL COTTON VARIETY TEST

Combed Yarn Tests		Fabens, Texas				
		Variety				
Test		Pima S-3	Pima S-4	P-19	P-21	P-22
Classer's designation:						
Grade.....		70	60	60	60	70
Staple.....		44	44	44	44	44
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean.....		1.31	1.32	1.36	1.40	1.33
Mean.....		1.06	1.07	1.17	1.16	1.06
Stelometer; gf/tex:						
T0.....		42.18	42.87	42.24	42.61	43.83
T1.....		27.43	28.16	27.56	28.08	28.02
E1.....		9.0	9.2	8.7	8.6	8.2
Micronaire.....		3.73	4.05	4.15	4.35	3.93
Skein strength:						
50's combed:						
Pounds.....		67	66	68	68	70
gf/tex.....		16.1	15.9	16.3	16.3	16.8
80's combed:						
Pounds.....		37	35	38	36	39
gf/tex.....		14.2	13.5	14.6	13.8	15.0
Yarn appearance index...		115	120	110	120	115
Yarn imperfections:						
50's combed.....		2	2	1	1	2
80's combed.....		2	2	2	2	2
Waste, percent:						
Picker & Card.....		14.5	13.8	14.9	12.0	14.3
Comber.....		16.3	16.2	16.2	14.4	16.6
		P-23	P-24	P-25	E-2	E-3
Classer's designation:						
Grade.....		70	60	70	70	90
Staple.....		44	44	44	44	44
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean.....		1.37	1.36	1.37	1.37	1.38
Mean.....		1.11	1.09	1.09	1.11	1.12
Stelometer; gf/tex:						
T0.....		42.88	44.07	40.55	41.62	41.55
T1.....		27.69	28.73	27.87	27.24	27.19
E1.....		8.7	8.4	8.5	9.3	9.2
Micronaire.....		3.93	3.75	3.65	4.57	4.55
Skein strength:						
50's combed:						
Pounds.....		71	72	72	64	63
gf/tex.....		17.1	17.3	17.3	15.4	15.1
80's combed:						
Pounds.....		39	40	39	34	34
gf/tex.....		15.0	15.4	15.0	13.1	13.1
Yarn appearance index..		100	115	110	120	120
Yarn imperfections:						
50's combed.....		4	2	2	2	1
80's combed.....		2	2	2	2	2
Waste, percent:						
Picker & Card.....		15.9	13.6	15.9	19.6	23.8
Comber.....		16.5	16.1	15.8	14.8	14.6

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